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*Hydrochloric Acid* 2/117  
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*Hydrochloric Acid* 2/99  
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**20 Cb-3**

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**20 CN-7M**

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**20Cr-18Ni-6Mo**

*Hypochlorites* 3/63

**20Cr-25Ni-4.5Mo**

*Sodium Hydroxide* 1/85

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**22Cr steel**

*Sodium Hydroxide* 1/82

**22Cr-5Ni-3Mo**

*Sodium Hydroxide* 1/85

**22Cr6NiTi**

*Sodium Hydroxide* 1/102

**23Cr-4Ni**

*Sodium Hydroxide* 1/85

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**25Cr-14Ni-0.8Mo**

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**25Cr-4Ni-4Mo**

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**25Cr-7Ni-4Mo-N**

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*Hydrochloric Acid* 2/84, 87, 90  
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*Hypochlorites* 3/31, 42, 51  
*Mixed Acids* 1/249, 266, 292  
*Phosphoric Acid* 3/221, 321

**348**

*Mixed Acids* 1/292  
*Phosphoric Acid* 3/221, 242

**3003**

*Mixed Acids* 1/243

**3931**

*Nitric Acid* 2/330

**4****44 LN**

*Hypochlorites* 3/60–61

**47ChNM-2**

*Nitric Acid* 2/424

**400**

*Hydrochloric Acid* 2/99  
*Mixed Acids* 1/334

**403**

*Hypochlorites* 3/31, 39  
*Phosphoric Acid* 3/221, 241  
*Sodium Hydroxide* 1/77

**405**

*Hypochlorites* 3/41, 48, 55  
*Phosphoric Acid* 3/241  
*Sodium Hydroxide* 1/77–78

**409**

*Hypochlorites* 3/41, 51  
*Nitric Acid* 2/336  
*Phosphoric Acid* 3/234, 236, 242

**410**

*Hypochlorites* 3/41, 48  
*Nitric Acid* 2/343–345  
*Phosphoric Acid* 3/241  
*Sodium Hydroxide* 1/67, 77–80

**416**

*Hypochlorites* 3/41, 48  
*Mixed Acids* 1/249, 255  
*Phosphoric Acid* 3/241

**420**

*Hypochlorites* 3/41, 48  
*Phosphoric Acid* 3/241

**430**

*Hydrochloric Acid* 2/67–68, 73–74,  
 92–95, 197–198  
*Hypochlorites* 3/31, 41, 48  
*Mixed Acids* 1/292  
*Nitric Acid* 2/341  
*Phosphoric Acid* 3/221, 238–239, 241,  
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**430 Cb**

*Phosphoric Acid* 3/242

**430 F**

*Hypochlorites* 3/41, 48  
*Phosphoric Acid* 3/241

**430 Ti**

*Hypochlorites* 3/41, 51  
*Mixed Acids* 1/292  
*Phosphoric Acid* 3/242

**431**

*Hydrochloric Acid* 2/74, 76  
*Hypochlorites* 3/41, 48  
*Mixed Acids* 1/292  
*Phosphoric Acid* 3/241

**434**

*Hypochlorites* 3/41, 49  
*Mixed Acids* 1/292  
*Phosphoric Acid* 3/241, 243, 245–246

**439**

*Hydrochloric Acid* 2/73  
*Nitric Acid* 2/381, 442

**440**

*Hydrochloric Acid* 2/93–94

**440 B**

*Hypochlorites* 3/41, 48  
*Phosphoric Acid* 3/241

**440 C**

*Hypochlorites* 3/41, 49  
*Phosphoric Acid* 3/241

**443**

*Hydrochloric Acid* 2/83–84  
*Hypochlorites* 3/31, 42, 51, 55–56, 63  
*Mixed Acids* 1/292  
*Phosphoric Acid* 3/221, 241–242, 246

**444**

*Hydrochloric Acid* 2/73  
*Hypochlorites* 3/42, 51, 56  
*Phosphoric Acid* 3/238, 241–242, 246

**446**

*Nitric Acid* 2/341  
*Phosphoric Acid* 3/255, 327

**456 M**

*Phosphoric Acid* 3/450

**4200**

*Hydrochloric Acid* 2/144

**4207**

*Hydrochloric Acid* 2/144–145

**4238**

*Nitric Acid* 2/330

**4240**

*Nitric Acid* 2/330

**5****52Ni-48Cr**

*Nitric Acid* 2/422

**59**

*Hydrochloric Acid* 2/99–100, 102, 105,  
 129, 254  
*Hypochlorites* 3/82  
*Mixed Acids* 1/297, 302, 307–310,  
 314–315, 317, 319–324, 334

**6****6 B**

*Phosphoric Acid* 3/176

**600**

*Hydrochloric Acid* 2/99  
*Nitric Acid* 2/420  
*Phosphoric Acid* 3/312, 338, 347–348,  
 351, 375–376  
*Sodium Hydroxide* 1/88–90, 96,  
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**602 CA**

*Hydrochloric Acid* 2/117

**610**

*Nitric Acid* 2/345

**617**

*Nitric Acid* 2/426  
*Phosphoric Acid* 3/377

**622**

*Mixed Acids* 1/324

**625**

- Hydrochloric Acid* 2/99–100, 103, 105, 115–117, 253
- Mixed Acids* 1/296–297, 301, 307, 310–313, 315, 319–320, 322, 326–331, 334
- Phosphoric Acid* 3/350–351, 355, 361
- Sodium Hydroxide* 1/116–117, 135

**630**

- Hypochlorites* 3/41, 51
- Phosphoric Acid* 3/241, 242
- Sodium Hydroxide* 1/79

**631**

- Hypochlorites* 3/41, 52
- Phosphoric Acid* 3/241, 242, 278

**654 SMO**

- Hydrochloric Acid* 2/97, 254

**654 SMO®**

- Mixed Acids* 1/278, 284–285

**686**

- Hydrochloric Acid* 2/117, 129
- Mixed Acids* 1/307, 323–324

**690**

- Mixed Acids* 1/278, 307, 327
- Nitric Acid* 2/421
- Phosphoric Acid* 3/349
- Sodium Hydroxide* 1/116–117, 119–121, 131, 133–135

**7****7 Mo Plus**

- Hypochlorites* 3/60

**7R**

- Mixed Acids* 1/310

**70Cr-10Ni-20P**

- Hydrochloric Acid* 2/173

**718**

- Phosphoric Acid* 3/308

**734 L**

- Phosphoric Acid* 3/296

**8****80Cr-20P**

- Hydrochloric Acid* 2/173

**80Ni20CrTi**

- Sodium Hydroxide* 1/102

**800**

- Hydrochloric Acid* 2/177
- Sodium Hydroxide* 1/88–90, 122–123, 135, 204

**825**

- Hydrochloric Acid* 2/99–100
- Mixed Acids* 1/307, 312, 331–332
- Phosphoric Acid* 3/294
- Sodium Hydroxide* 1/93, 138

**9****9Cr-1Mo steel**

- Mixed Acids* 1/252–253

**90Ch28MFTAL**

- Phosphoric Acid* 3/255

**901**

- Sodium Hydroxide* 1/93

**904 L**

- Hydrochloric Acid* 2/84, 253
- Hypochlorites* 3/31, 51, 71
- Mixed Acids* 1/300, 302–304
- Nitric Acid* 2/400
- Phosphoric Acid* 3/221, 249, 261–263, 274, 293–294, 328–331, 333–335, 337

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- Mixed Acids* 1/297

**a****A**

- Nitric Acid* 2/419

**A48CPR**

- Sodium Hydroxide* 1/47, 49

**A-99**

- Phosphoric Acid* 3/404–405

**A120Zn**

- Nitric Acid* 2/309

**A 106**

- Hydrochloric Acid* 2/67–68

**A 240**

- Hypochlorites* 3/55, 56

**A 269**

- Hydrochloric Acid* 2/253

**A 285**

- Sodium Hydroxide* 1/46, 49, 52–53

**A 297**

- Hypochlorites* 3/52

**A 333**

- Hypochlorites* 3/52

**A 335 (P 5)**

- Hydrochloric Acid* 2/67–68

**A 335 (P 9)**

- Hydrochloric Acid* 2/67–68

**A 335 (P 11)**

- Hydrochloric Acid* 2/67–68

**A 335 (P 22)**

- Hydrochloric Acid* 2/67–68

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*Nitric Acid* 2/348, 350, 353, 359, 362
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*Hydrochloric Acid* 2/68
- A 436**  
*Hydrochloric Acid* 2/67  
*Phosphoric Acid* 3/230
- A 436 (Type 1B)**  
*Phosphoric Acid* 3/230
- A 436 (Type 2)**  
*Hypochlorites* 3/72  
*Phosphoric Acid* 3/230
- A 439**  
*Phosphoric Acid* 3/230
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*Sodium Hydroxide* 1/51, 54–55
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*Nitric Acid* 2/293–294
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*Nitric Acid* 2/294–295, 298–300
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*Nitric Acid* 2/298
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*Phosphoric Acid* 3/322
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*Phosphoric Acid* 3/322
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*Nitric Acid* 2/463
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*Hypochlorites* 3/112  
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- ACO<sup>®</sup> polymer concrete**  
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*Hydrochloric Acid* 2/182
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**acrylic resins**

- Hypochlorites* 3/117
- Nitric Acid* 2/483
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**acrylonitrile**

- Hydrochloric Acid* 2/182

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- Hydrochloric Acid* 2/209, 237, 243
- Hypochlorites* 3/112
- Mixed Acids* 1/385
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- Hydrochloric Acid* 2/209, 230
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- Nitric Acid* 2/465

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- Hydrochloric Acid* 2/243

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- Hypochlorites* 3/50

**AISI 301**

- Hypochlorites* 3/42, 49

**AISI 302**

- Phosphoric Acid* 3/242
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**AISI 302 SS**

- Nitric Acid* 2/343, 345

**AISI 303**

- Hypochlorites* 3/41, 49
- Phosphoric Acid* 3/241, 278
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**AISI 303 super**

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- Hydrochloric Acid* 2/72–74, 80, 82–85, 87–91, 93–95, 110, 177, 197–198
- Hypochlorites* 3/31–32, 41, 48–49, 55–56, 61, 65–66, 69
- Mixed Acids* 1/280–281
- Nitric Acid* 2/348, 350, 352–353, 355–358, 368, 375, 379, 381–382
- Phosphoric Acid* 3/190, 221, 241, 243, 245, 247, 278–279, 285–287, 309, 315, 318, 321, 375–376
- Sodium Hydroxide* 1/76–78, 87–90, 204

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- Hydrochloric Acid* 2/88, 96
- Hypochlorites* 3/31, 42, 49, 61
- Nitric Acid* 2/297, 347–359, 365, 368, 372, 378–379, 407–408, 439, 454
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**AISI 304 LN**

- Hypochlorites* 3/31, 42, 49
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**AISI 304 SS**

- Nitric Acid* 2/370–371

**AISI 305 Cu**

- Sodium Hydroxide* 1/88

**AISI 305 L**

- Phosphoric Acid* 3/241

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*Nitric Acid* 2/353, 383

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*Hypochlorites* 3/31, 42, 50, 59–60, 62  
*Nitric Acid* 2/385  
*Phosphoric Acid* 3/221, 242, 246, 247, 257, 262, 289, 309, 312, 317, 319, 321

**AISI 330**

*Sodium Hydroxide* 1/87

**AISI 347**

*Hypochlorites* 3/31, 42, 51  
*Phosphoric Acid* 3/221, 321

**AISI 348**

*Phosphoric Acid* 3/221, 242

**AISI 403**

*Hypochlorites* 3/31, 39  
*Phosphoric Acid* 3/221, 241  
*Sodium Hydroxide* 1/77

**AISI 405**

*Hypochlorites* 3/41, 48, 55  
*Phosphoric Acid* 3/241  
*Sodium Hydroxide* 1/77–78

**AISI 409**

*Hypochlorites* 3/41, 51  
*Nitric Acid* 2/336  
*Phosphoric Acid* 3/234, 236, 242

**AISI 410**

*Hypochlorites* 3/41, 48  
*Nitric Acid* 2/343–345  
*Phosphoric Acid* 3/241  
*Sodium Hydroxide* 1/67, 77–80

**AISI 416**

*Hypochlorites* 3/41, 48  
*Phosphoric Acid* 3/241

**AISI 420**

*Hypochlorites* 3/41, 48  
*Phosphoric Acid* 3/241

**AISI 430**

*Hydrochloric Acid* 2/67–68, 73–74, 92–95, 197–198  
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*Nitric Acid* 2/341  
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**AISI 430 Cb**

*Phosphoric Acid* 3/242

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*Hypochlorites* 3/41, 48  
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**AISI 430 Ti**

*Hypochlorites* 3/41, 51  
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**AISI 431**

*Hydrochloric Acid* 2/74, 76  
*Hypochlorites* 3/41, 48  
*Phosphoric Acid* 3/241

**AISI 434**

*Hypochlorites* 3/41, 49  
*Phosphoric Acid* 3/241, 243, 245–246

**AISI 439**

*Hydrochloric Acid* 2/73  
*Nitric Acid* 2/381, 442

**AISI 440**

*Hydrochloric Acid* 2/93–94

**AISI 440 B**

*Hypochlorites* 3/41, 48  
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**AISI 440 C**

*Hypochlorites* 3/41, 49  
*Phosphoric Acid* 3/241

**AISI 443**

*Hydrochloric Acid* 2/83–84  
*Hypochlorites* 3/31, 42, 51, 55–56, 63  
*Phosphoric Acid* 3/221, 241, 242, 246

**AISI 444**

*Hydrochloric Acid* 2/73  
*Hypochlorites* 3/42, 51, 56  
*Phosphoric Acid* 3/221, 238, 241, 242, 246

**AISI 446**

*Nitric Acid* 2/341  
*Phosphoric Acid* 3/255, 327

**AISI 610**

*Nitric Acid* 2/345

**AISI 630**

*Hypochlorites* 3/41, 51  
*Phosphoric Acid* 3/241, 242  
*Sodium Hydroxide* 1/79

**AISI 631**

*Hypochlorites* 3/41, 52  
*Phosphoric Acid* 3/241, 242, 278

**AISI 904 L**

*Hydrochloric Acid* 2/84  
*Hypochlorites* 3/31, 71  
*Nitric Acid* 2/400  
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**AISI 1010**

*Hydrochloric Acid* 2/92–93  
*Phosphoric Acid* 3/179, 201

**AISI 1020**

*Hypochlorites* 3/28, 32–33

**AISI 1042**

*Hydrochloric Acid* 2/197–198

**AISI 1045**

*Hydrochloric Acid* 2/197–198

**AISI C-1018**

*Sodium Hydroxide* 1/57

**AISI W1**

*Nitric Acid* 2/332

**Akrit<sup>®</sup> Ni 40**

*Nitric Acid* 2/419

**Al-1.8Si-4.0Mg**

*Nitric Acid* 2/303

**AL 23**

*Hypochlorites* 3/95  
*Phosphoric Acid* 3/417, 456–459

**AL 25-4-4**

*Hypochlorites* 3/57

**AL 29-4-2<sup>®</sup>**

*Hypochlorites* 3/58

**AL 29-4 C<sup>®</sup>**

*Hypochlorites* 3/57–58

**Al 99.5**

*Hypochlorites* 3/15  
*Nitric Acid* 2/293–294  
*Phosphoric Acid* 3/171, 174  
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**Al 99.99**

*Nitric Acid* 2/294

**Al ADO**

*Nitric Acid* 2/296

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*Sodium Hydroxide* 1/14

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*Nitric Acid* 2/296

**Al-0.30Si-0.14Fe-0.06Cu**

*Nitric Acid* 2/296

**Al-2.4Cu-1.5Mg-1.2Ni-1.0Fe**

*Nitric Acid* 2/310

**Al-3s**

*Nitric Acid* 2/307

**Al-4.43Zn-1.34Mg-0.13Cu**

*Nitric Acid* 2/307

**Al-4.57Zn-1.35Mg**

*Nitric Acid* 2/307

**Al-4.63Zn-2.46Mg**

*Nitric Acid* 2/307

**Al-4.86Zn-1.44Mg-0.3Cr**

*Nitric Acid* 2/307

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*Nitric Acid* 2/307

**Al-5.25Si**

*Nitric Acid* 2/303

**AL-6X**

*Nitric Acid* 2/388

**Al-6XN**

*Hydrochloric Acid* 2/254

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**Al-7.0Si-0.3Mg**

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*Nitric Acid* 2/309

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*Nitric Acid* 2/309

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*Mixed Acids* 1/241

**Alcoa 17 ST**

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**Alcoa 24 ST**

*Mixed Acids* 1/241

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*Mixed Acids* 1/241

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*Hydrochloric Acid* 2/21

**AlCuLiMg**

*Hydrochloric Acid* 2/21

**aleurolite**

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*Hydrochloric Acid* 2/254

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*Sodium Hydroxide* 1/105–106

**alloy 40**

*Phosphoric Acid* 3/389

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**alloy 188**

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*Sodium Hydroxide* 1/109

**alloy 242**

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*Hydrochloric Acid* 2/177

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*Hydrochloric Acid* 2/99–100

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*Hydrochloric Acid* 2/16  
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*Nitric Acid* 2/294, 305

**AlMg2Mn0.8**

*Nitric Acid* 2/294, 305–306

**AlMg2.5**

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**AlMg3**

*Nitric Acid* 2/296, 303–304

**AlMg5**

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*Nitric Acid* 2/304–305, 310

**AlMgMn**

*Sodium Hydroxide* 1/29

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**AlMgSi0.5**

*Nitric Acid* 2/294, 305

**AlMgSi1**

*Nitric Acid* 2/294, 305

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*Hydrochloric Acid* 2/16  
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*Mixed Acids* 1/373, 376–378, 417

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*Hydrochloric Acid* 2/243

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**α-Al<sub>2</sub>O<sub>3</sub>**

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*Mixed Acids* 1/382

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*Phosphoric Acid* 3/419

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*Hydrochloric Acid* 2/15, 30, 38  
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*Mixed Acids* 1/237, 239, 244–245, 250,  
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*Mixed Acids* 1/241, 243, 412  
*Nitric Acid* 2/303  
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*Nitric Acid* 2/328

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*Hypochlorites* 3/23–24  
*Mixed Acids* 1/244  
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*Nitric Acid* 2/303

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*Mixed Acids* 1/380

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*Mixed Acids* 1/373, 378, 417  
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*Mixed Acids* 1/364, 381  
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- Hypochlorites* 3/25
- Mixed Acids* 1/246
- Nitric Acid* 2/321
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- Hydrochloric Acid* 2/209
- Mixed Acids* 1/385
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- Mixed Acids* 1/380
- Phosphoric Acid* 3/420

**building stones**

- Nitric Acid* 2/467

**Buna<sup>®</sup>**

- Hydrochloric Acid* 2/243

**Buna AP<sup>®</sup>**

- Sodium Hydroxide* 1/195

**Buna Hüls<sup>®</sup>**

- Hydrochloric Acid* 2/243
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**Buna SB<sup>®</sup>**

- Sodium Hydroxide* 1/195

**Butaclor<sup>®</sup>**

- Sodium Hydroxide* 1/195

**Butacril<sup>®</sup>**

- Sodium Hydroxide* 1/195

**butadiene-acrylonitrile copolymer**

- Phosphoric Acid* 3/455

**butadiene/styrene copolymer**

- Hydrochloric Acid* 2/209
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**butadiene-styrene rubber**

- Mixed Acids* 1/403
- Sodium Hydroxide* 1/186

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- Sodium Hydroxide* 1/195

**butyl rubber**

- Hydrochloric Acid* 2/237, 257, 263
- Hypochlorites* 3/95, 112
- Mixed Acids* 1/403–404
- Phosphoric Acid* 3/456–459
- Sodium Hydroxide* 1/186, 195

**Butylkautschuk<sup>®</sup>**

- Hydrochloric Acid* 2/243

**Bervac-60<sup>®</sup>**

- Sodium Hydroxide* 1/40

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- Hydrochloric Acid* 2/73, 103

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- Hydrochloric Acid* 2/99–100, 102–103, 105, 177, 254
- Hypochlorites* 3/52, 74, 81
- Mixed Acids* 1/297, 307, 310–311, 313, 315, 319–321, 323, 326, 329–331
- Phosphoric Acid* 3/349–351, 356

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- Phosphoric Acid* 3/179, 201

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- Phosphoric Acid* 3/179

**C-22**

- Hydrochloric Acid* 2/59, 103–106, 108, 116, 129, 177, 254
- Hypochlorites* 3/52, 74, 81
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- Phosphoric Acid* 3/296

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- Nitric Acid* 2/332

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- Mixed Acids* 1/331

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- Hydrochloric Acid* 2/99, 100–101, 103–106, 108, 115–116, 129, 177, 254
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- Sodium Hydroxide* 1/101

**C734LN**

- Phosphoric Acid* 3/296

**C-1018**

- Sodium Hydroxide* 1/57

**C-2000**

- Hydrochloric Acid* 2/125–127, 129, 253

**C17200**

- Phosphoric Acid* 3/185, 199, 377

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- Hypochlorites* 3/36
- Mixed Acids* 1/248–249, 251
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- Phosphoric Acid* 3/223
- Sodium Hydroxide* 1/62

**cast silumin alloy**

- Mixed Acids* 1/241

**cast steel**

- Hydrochloric Acid* 2/56
- Hypochlorites* 3/28
- Mixed Acids* 1/413
- Nitric Acid* 2/329
- Phosphoric Acid* 3/201
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**CC040A**

- Hypochlorites* 3/20

**CD4MCu**

- Mixed Acids* 1/289
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- Nitric Acid* 2/474

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- Nitric Acid* 2/473

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**cellulose**

- Hypochlorites* 3/107
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- Hypochlorites* 3/98, 99
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- Nitric Acid* 2/462
- Sodium Hydroxide* 1/169

**CeN**

- Nitric Acid* 2/472

**CERAFIL-S®**

- Hydrochloric Acid* 2/197

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- Hydrochloric Acid* 2/201
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**Cer-Vit®**

- Hydrochloric Acid* 2/197

**Ce<sub>2</sub>Ge<sub>3</sub>**

- Nitric Acid* 2/473

**CF-3M**

- Mixed Acids* 1/336
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**CF-8M**

- Phosphoric Acid* 3/227, 230, 314

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- Phosphoric Acid* 3/230, 232

**C-Glas**

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- Nitric Acid* 2/409

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- Nitric Acid* 2/399

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- Nitric Acid* 2/315–316, 338–339, 349, 352, 377–378, 380–382

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- Nitric Acid* 2/381

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- Sodium Hydroxide* 1/159, 195

**Hostaflon ET®**

- Hydrochloric Acid* 2/243
- Hypochlorites* 3/122
- Nitric Acid* 2/493, 495

**Hostaflon FEP®**

- Hydrochloric Acid* 2/243

**Hostaflon PFA®**

- Hydrochloric Acid* 2/243

**Hostaflon TF®**

- Hypochlorites* 3/122
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**Hostaflon® TFA**

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**Hostaform®**

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**Hostalen®**

- Hydrochloric Acid* 2/243

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- Phosphoric Acid* 3/429

**Hostalit®**

- Hydrochloric Acid* 2/243

**Hostapren®**

- Hypochlorites* 3/110
- Phosphoric Acid* 3/428

**Hostyren® N**

- Hypochlorites* 3/125
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**Hostyren® S**

- Hypochlorites* 3/125
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- Hypochlorites* 3/101

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- Mixed Acids* 1/374, 376

**HTi-10**

- Nitric Acid* 2/469

**HTV silicone rubber**

- Phosphoric Acid* 3/450

**HV-9A**

- Mixed Acids* 1/277, 287–288

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**Incoloy<sup>®</sup> alloy 901***Phosphoric Acid* 3/308, 323**Inconel<sup>®</sup> 100***Nitric Acid* 2/428**Inconel<sup>®</sup> 600***Hydrochloric Acid* 2/99, 177*Hypochlorites* 3/36, 38, 73, 76*Nitric Acid* 2/418–422*Phosphoric Acid* 3/309, 312, 326–327,

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**Inconel<sup>®</sup> 617***Phosphoric Acid* 3/377**Inconel<sup>®</sup> 625***Hydrochloric Acid* 2/73, 99*Hypochlorites* 3/53, 74, 81*Nitric Acid* 2/421–422, 424*Phosphoric Acid* 3/323, 350–351, 355,

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- Mixed Acids* 1/237
- Sodium Hydroxide* 1/149

**Indium nitride**

- Nitric Acid* 2/472

**Industrial molybdenum**

- Nitric Acid* 2/412

**industrial-grade aluminium**

- Nitric Acid* 2/294

**InN**

- Nitric Acid* 2/472

**IR**

- Hydrochloric Acid* 2/209, 243
- Mixed Acids* 1/385
- Phosphoric Acid* 3/455

**iridium**

- Hydrochloric Acid* 2/129, 169
- Hypochlorites* 3/85, 86
- Mixed Acids* 1/338
- Nitric Acid* 2/431
- Phosphoric Acid* 3/383–384, 386
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**iron-based materials**

- Hypochlorites* 3/72
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**iron-chromium alloys**

- Hypochlorites* 3/43

**iron**

- Hydrochloric Acid* 2/56
- Mixed Acids* 1/247
- Nitric Acid* 2/288, 330–331, 334
- Sodium Hydroxide* 1/13, 34

**iron material**

- Hypochlorites* 3/48–53

**iron oxide**

- Sodium Hydroxide* 1/164

**iron-nickel-cobalt alloy**

- Nitric Acid* 2/410

**iron-silicon alloys**

- Hypochlorites* 3/37
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**isobutylene-isoprene copolymer**

- Phosphoric Acid* 3/455

**isobutylene-isoprene rubber**

- Hydrochloric Acid* 2/209, 243
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**Isokeram<sup>®</sup>**

- Phosphoric Acid* 3/400, 417, 453

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- Hydrochloric Acid* 2/234

**isoprene rubber**

- Hydrochloric Acid* 2/236
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- Nitric Acid* 2/390–391

**j****J-55**

- Hydrochloric Acid* 2/60

**J91153**

- Mixed Acids* 1/292

**J91201**

- Mixed Acids* 1/292
- Phosphoric Acid* 3/241

**J91540**

- Phosphoric Acid* 3/236

**J92600**

- Nitric Acid* 2/384

**J92615**

- Phosphoric Acid* 3/231

**J92900**

- Nitric Acid* 2/383
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**jointing mortars**

- Hypochlorites* 3/100

**JS-625**

- Nitric Acid* 2/425

**k****K-299**

- Nitric Acid* 2/359

**K81590**

- Sodium Hydroxide* 1/97

**K94610**

- Nitric Acid* 2/410

**Kalrez<sup>®</sup>**

- Hydrochloric Acid* 2/238, 243, 263

**KBI-40<sup>®</sup> Ta-40Nb**

- Nitric Acid* 2/433

**Kel-F<sup>®</sup>**

- Hydrochloric Acid* 2/243
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**Keltan<sup>®</sup>**

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**Kerabutyl<sup>®</sup> S**

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- Hypochlorites* 3/121

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- Phosphoric Acid* 3/406–407

**Keranol<sup>®</sup>**

- Phosphoric Acid* 3/407

- Keranol<sup>®</sup> E**  
*Hypochlorites* 3/121  
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*Phosphoric Acid* 3/406–407
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*Hypochlorites* 3/127
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*Phosphoric Acid* 3/423
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*Hydrochloric Acid* 2/180
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*Hypochlorites* 3/99
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*Hypochlorites* 3/99
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*Phosphoric Acid* 3/436
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*Nitric Acid* 2/410–411
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*Sodium Hydroxide* 1/195
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*Nitric Acid* 2/408
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*Nitric Acid* 2/408
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*Nitric Acid* 2/409
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*Nitric Acid* 2/466
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*Nitric Acid* 2/472
- Langgaloy<sup>®</sup> 3 V**  
*Phosphoric Acid* 3/231
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*Phosphoric Acid* 3/231
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*Phosphoric Acid* 3/231
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*Mixed Acids* 1/310
- Lanthanum carbide**  
*Nitric Acid* 2/469
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*Hypochlorites* 3/98  
*Phosphoric Acid* 3/424
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*Mixed Acids* 1/376–377
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*Nitric Acid* 2/473
- LC-20**  
*Nitric Acid* 2/356
- LC-Ni 99**  
*Hypochlorites* 3/36, 38  
*Sodium Hydroxide* 1/108, 136, 205
- LC-Ni 99.6**  
*Hypochlorites* 3/36, 38
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*Hypochlorites* 3/108–109  
*Nitric Acid* 2/475, 477–479

**lead**

*Hydrochloric Acid* 2/129  
*Hypochlorites* 3/85  
*Mixed Acids* 1/236–237, 336  
*Nitric Acid* 2/428, 428–429, 435  
*Phosphoric Acid* 3/182, 313, 380–383  
*Sodium Hydroxide* 1/13, 140

**lead alloys**

*Hydrochloric Acid* 2/129  
*Hypochlorites* 3/85  
*Mixed Acids* 1/336  
*Nitric Acid* 2/428  
*Phosphoric Acid* 3/380  
*Sodium Hydroxide* 1/140

**lead dioxide**

*Mixed Acids* 1/236

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*Nitric Acid* 2/464

**lead-indium alloys**

*Nitric Acid* 2/429  
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**lead-tin alloys**

*Nitric Acid* 2/429  
*Sodium Hydroxide* 1/140

**Levasint<sup>®</sup>**

*Hypochlorites* 3/110  
*Nitric Acid* 2/482, 502  
*Phosphoric Acid* 3/428

**Levasint<sup>®</sup> S 31**

*Hypochlorites* 3/110  
*Phosphoric Acid* 3/428

**Licuflo<sup>®</sup>**

*Hypochlorites* 3/122

**lime mortar**

*Hydrochloric Acid* 2/181

**linings**

*Hydrochloric Acid* 2/239  
*Hypochlorites* 3/126  
*Nitric Acid* 2/500  
*Sodium Hydroxide* 1/188

**LiPdH**

*Nitric Acid* 2/431

**Li<sub>2</sub>O**

*Mixed Acids* 1/381

**low-alloy aluminium**

*Nitric Acid* 2/298, 308

**low-alloy cast iron**

*Hydrochloric Acid* 2/66  
*Hypochlorites* 3/36  
*Mixed Acids* 1/251  
*Sodium Hydroxide* 1/62, 202

**low-alloy steels**

*Hypochlorites* 3/28  
*Mixed Acids* 1/413  
*Nitric Acid* 2/329–331  
*Sodium Hydroxide* 1/14, 40, 201

**low-alloyed steels**

*Hydrochloric Acid* 2/56

**low-carbon steel**

*Nitric Acid* 2/346

**low-density polyethylene**

*Hypochlorites* 3/108, 109

**low-phosphorus steel**

*Sodium Hydroxide* 1/44

**low-pressure polyethylene**

*Mixed Acids* 1/394

**LPS-SiC**

*Mixed Acids* 1/373

**Lucite<sup>®</sup>**

*Phosphoric Acid* 3/437

**Lupolen<sup>®</sup>**

*Hydrochloric Acid* 2/243  
*Hypochlorites* 3/99, 108

**Lupolen-5261 Z<sup>®</sup>**

*Sodium Hydroxide* 1/180

**Lupolen<sup>®</sup> V 3510 K**

*Phosphoric Acid* 3/428

**Luran<sup>®</sup>**

*Hypochlorites* 3/125

**Luran<sup>®</sup> S**

*Hypochlorites* 3/125

**m****Mo-0.5Ti-0.08Zr**

*Nitric Acid* 2/412

**MA2-1**

*Sodium Hydroxide* 1/107

**MA14**

*Sodium Hydroxide* 1/107

**machining steels**

*Phosphoric Acid* 3/243, 279, 285, 295

**magnesium**

*Hydrochloric Acid* 2/98  
*Hypochlorites* 3/72  
*Mixed Acids* 1/305  
*Nitric Acid* 2/411  
*Phosphoric Acid* 3/339  
*Sodium Hydroxide* 1/106

**magnesium alloys**

- Hydrochloric Acid* 2/98
- Hypochlorites* 3/72
- Mixed Acids* 1/305
- Nitric Acid* 2/411
- Phosphoric Acid* 3/339
- Sodium Hydroxide* 1/106

**magnetite**

- Sodium Hydroxide* 1/164

**manganese nitride**

- Nitric Acid* 2/472

**manganese-aluminium steels**

- Sodium Hydroxide* 1/106

**marble**

- Hydrochloric Acid* 2/181

**martensitic Cr steel**

- Sodium Hydroxide* 1/134

**masonry**

- Mixed Acids* 1/362

**MBS**

- Hydrochloric Acid* 2/209
- Mixed Acids* 1/385
- Sodium Hydroxide* 1/172

**MC-20**

- Nitric Acid* 2/356

**Meehanite®**

- Sodium Hydroxide* 1/63

**Meehanite-HD**

- Sodium Hydroxide* 1/63

**melamine-formaldehyde**

- Phosphoric Acid* 3/449

**melamine-formaldehyde plastics**

- Hydrochloric Acid* 2/209, 235
- Mixed Acids* 1/385

**melamine-formaldehyde resins**

- Hypochlorites* 3/124

**mercury**

- Nitric Acid* 2/288

**metal-ceramic material**

- Hydrochloric Acid* 2/204

**metal ceramics**

- Mixed Acids* 1/363–364, 381, 417

**metal-metalloid glasses**

- Sodium Hydroxide* 1/169

**Metglas 2826**

- Hydrochloric Acid* 2/170

**methylmethacrylate/butadiene/styrene copolymer**

- Hydrochloric Acid* 2/209
- Mixed Acids* 1/385

**MF**

- Hydrochloric Acid* 2/209, 235
- Hypochlorites* 3/124
- Mixed Acids* 1/385
- Phosphoric Acid* 3/449

**Mg<sub>2</sub>Si**

- Nitric Acid* 2/473

**minerals**

- Phosphoric Acid* 3/421

**MnSi<sub>2</sub>**

- Nitric Acid* 2/473

**Mn<sub>3</sub>N<sub>2</sub>**

- Nitric Acid* 2/472

**Mn<sub>3</sub>Si**

- Nitric Acid* 2/473

**Mn<sub>5</sub>Si<sub>3</sub>**

- Nitric Acid* 2/473

**modified cellulosics**

- Phosphoric Acid* 3/424

**molybdenum**

- Hydrochloric Acid* 2/98, 130
- Hypochlorites* 3/72
- Mixed Acids* 1/305
- Nitric Acid* 2/412
- Phosphoric Acid* 3/339, 398
- Sodium Hydroxide* 1/107

**molybdenum alloys**

- Hydrochloric Acid* 2/98
- Hypochlorites* 3/72
- Mixed Acids* 1/305
- Nitric Acid* 2/412
- Phosphoric Acid* 3/339
- Sodium Hydroxide* 1/107

**molybdenum boride**

- Nitric Acid* 2/472

**molybdenum silicide**

- Phosphoric Acid* 3/420

**Monel® 400**

- Hypochlorites* 3/36, 38, 73, 75–76, 83–84
- Nitric Acid* 2/425
- Phosphoric Acid* 3/182, 184, 186, 308–309, 312, 315, 325, 327, 367–369, 373–376
- Sodium Hydroxide* 1/14, 136–138, 205

**Monel® alloy 400**

- Hydrochloric Acid* 2/117

**Monel® K 500**

- Nitric Acid* 2/425
- Phosphoric Acid* 3/182, 308, 325

**Monit®**

- Hypochlorites* 3/57

**mortar**

*Hydrochloric Acid* 2/181  
*Hypochlorites* 3/98  
*Mixed Acids* 1/357  
*Nitric Acid* 2/462  
*Phosphoric Acid* 3/405  
*Sodium Hydroxide* 1/151

**MoSi<sub>2</sub>**

*Nitric Acid* 2/473  
*Phosphoric Acid* 3/420

**Mo<sub>1.7</sub>Ge<sub>0.3</sub>B**

*Nitric Acid* 2/472

**Mo<sub>2</sub>B<sub>5</sub>**

*Nitric Acid* 2/472

**moulded ceramic bricks**

*Mixed Acids* 1/355

**MP-35®**

*Sodium Hydroxide* 1/32

**MP 35N**

*Hydrochloric Acid* 2/42  
*Nitric Acid* 2/312–313, 426

**Ms58**

*Mixed Acids* 1/247

**Ms60**

*Mixed Acids* 1/247  
*Phosphoric Acid* 3/198–199, 223

**Ms72**

*Mixed Acids* 1/247

**Ms-72**

*Nitric Acid* 2/327

**Ms-80**

*Nitric Acid* 2/327

**Ms85**

*Mixed Acids* 1/247

**Ms90**

*Mixed Acids* 1/247

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*Nitric Acid* 2/369  
*Phosphoric Acid* 3/419

**multiphase steels**

*Sodium Hydroxide* 1/79, 203

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*Hydrochloric Acid* 2/60

**N02200**

*Hydrochloric Acid* 2/99  
*Phosphoric Acid* 3/344

**N04400**

*Hydrochloric Acid* 2/117  
*Phosphoric Acid* 3/191, 315, 318

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*Mixed Acids* 1/327

**N06003**

*Hypochlorites* 3/53, 75

**N06007**

*Phosphoric Acid* 3/249

**N06010**

*Nitric Acid* 2/414

**N06022**

*Hydrochloric Acid* 2/103, 106, 115, 129,  
254  
*Mixed Acids* 1/298

**N06030**

*Hydrochloric Acid* 2/100, 106, 117  
*Mixed Acids* 1/298  
*Phosphoric Acid* 3/349

**N06059**

*Hydrochloric Acid* 2/99, 129, 254

**N06110**

*Hydrochloric Acid* 2/115  
*Mixed Acids* 1/313, 326

**N06200**

*Hydrochloric Acid* 2/125, 129, 254

**N06455**

*Hydrochloric Acid* 2/99, 254

**N06600**

*Hydrochloric Acid* 2/99  
*Phosphoric Acid* 3/191, 315  
*Sodium Hydroxide* 1/97

**N06617**

*Nitric Acid* 2/426

**N06625**

*Hydrochloric Acid* 2/99, 115, 117, 254  
*Mixed Acids* 1/327  
*Phosphoric Acid* 3/274, 331, 334, 336,  
360

**N06686**

*Hydrochloric Acid* 2/117, 129

**N06690**

*Phosphoric Acid* 3/349

**N06985**

*Hydrochloric Acid* 2/99, 106  
*Phosphoric Acid* 3/261, 336, 360

**N07214**

*Hydrochloric Acid* 2/117

**N08007**

*Hypochlorites* 3/51  
*Phosphoric Acid* 3/227

**N08020**

*Mixed Acids* 1/327  
*Phosphoric Acid* 3/261, 309, 317, 319

**N08026**

*Mixed Acids* 1/298

**N08028**

*Hydrochloric Acid* 2/254  
*Hypochlorites* 3/71  
*Mixed Acids* 1/289, 303, 327  
*Nitric Acid* 2/396, 406–407  
*Phosphoric Acid* 3/261, 274, 317, 320,  
 328–335, 358, 360, 462

**N08031**

*Hydrochloric Acid* 2/254

**N08042**

*Hypochlorites* 3/53  
*Phosphoric Acid* 3/261, 337

**N08310**

*Phosphoric Acid* 3/242

**N08320**

*Mixed Acids* 1/273, 277

**N08367**

*Hydrochloric Acid* 2/97, 254  
*Mixed Acids* 1/298

**N08800**

*Phosphoric Acid* 3/315

**N08825**

*Hydrochloric Acid* 2/99  
*Mixed Acids* 1/327  
*Nitric Acid* 2/407  
*Phosphoric Acid* 3/261, 313, 315–317,  
 319, 358

**N08904**

*Hydrochloric Acid* 2/254  
*Mixed Acids* 1/289, 327  
*Sodium Hydroxide* 1/101

**N08925**

*Phosphoric Acid* 3/317, 329, 331–333,  
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**N08926**

*Hydrochloric Acid* 2/87, 97, 254  
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*Mixed Acids* 1/289, 296, 299  
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**N10001**

*Hydrochloric Acid* 2/117, 119–120  
*Phosphoric Acid* 3/234, 314–315, 369

**N10002**

*Phosphoric Acid* 3/233

**N10242**

*Hydrochloric Acid* 2/124–125

**N10276**

*Hydrochloric Acid* 2/99, 106, 115, 129,  
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*Mixed Acids* 1/298, 324  
*Phosphoric Acid* 3/261, 337

**N10629**

*Hydrochloric Acid* 2/117, 120, 122, 253

**N10665**

*Hydrochloric Acid* 2/106, 117, 119–120,  
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**N10675**

*Hydrochloric Acid* 2/117, 120, 125, 253

**N26625**

*Phosphoric Acid* 3/261

**N30107**

*Phosphoric Acid* 3/314

**Natsyn®**

*Hydrochloric Acid* 2/243

**natural ceramic**

*Mixed Acids* 1/364

**natural elastomers**

*Hypochlorites* 3/127  
*Phosphoric Acid* 3/454

**natural fiber**

*Hydrochloric Acid* 2/248  
*Hypochlorites* 3/106  
*Phosphoric Acid* 3/423

**natural rocks**

*Hypochlorites* 3/92  
*Mixed Acids* 1/353, 368, 415  
*Phosphoric Acid* 3/400

**natural rubber**

*Hydrochloric Acid* 2/208–209, 236–237,  
 243–244, 246, 263  
*Hypochlorites* 3/95, 112  
*Mixed Acids* 1/384–385, 403  
*Phosphoric Acid* 3/455–459  
*Sodium Hydroxide* 1/172, 186, 188

**natural stones**

*Nitric Acid* 2/460  
*Sodium Hydroxide* 1/150

**Nb-0.24Zn-0.34N**

*Nitric Acid* 2/434

**Nb-1Zr-0.1C**

*Nitric Acid* 2/434

**NbB<sub>2</sub>**

*Nitric Acid* 2/472

**Nb-3.06Zr-0.45N**

*Nitric Acid* 2/434

**Nb-20Ta**

*Hydrochloric Acid* 2/138–139, 141

**Nb-30Ti-20W**

*Nitric Acid* 2/434

**Nb-40Ta**

*Hydrochloric Acid* 2/138, 141–142

**Nb-60Ta**

*Hydrochloric Acid* 2/138, 141–142

**Nb-80Ta**

*Hydrochloric Acid* 2/138, 141

**NbC***Nitric Acid* 2/468**NBR***Hydrochloric Acid* 2/209, 237, 243–244, 247, 259, 261*Hypochlorites* 3/112*Mixed Acids* 1/385*Phosphoric Acid* 3/455*Sodium Hydroxide* 1/172, 176, 195**NBR 2113***Phosphoric Acid* 3/437–438**NbTi30W20***Phosphoric Acid* 3/388**Nb<sub>5</sub>Ge<sub>2</sub>B***Nitric Acid* 2/472**Nb<sub>5</sub>Ge<sub>3</sub>B***Nitric Acid* 2/472**NdGe***Nitric Acid* 2/473**NdGe<sub>2</sub>***Nitric Acid* 2/473**NdN***Nitric Acid* 2/472**Nd<sub>5</sub>Ge<sub>3</sub>***Nitric Acid* 2/473**Neoflon®***Hydrochloric Acid* 2/243**Neopren®***Hydrochloric Acid* 2/243**Neoprene®***Hypochlorites* 3/95*Phosphoric Acid* 3/406–407, 456–459*Sodium Hydroxide* 1/195**neoprene-latex materials***Sodium Hydroxide* 1/196**Ni 99.2***Hydrochloric Acid* 2/99*Hypochlorites* 3/36, 38, 75*Sodium Hydroxide* 1/109**Ni 99.6***Hydrochloric Acid* 2/99*Phosphoric Acid* 3/309, 325, 344, 374–376*Sodium Hydroxide* 1/108**Ni-10Cr-20P***Hydrochloric Acid* 2/177**Ni-10Mo-10Fe***Sodium Hydroxide* 1/139**Ni-10Mo-19P***Phosphoric Acid* 3/342**Ni-10Mo***Sodium Hydroxide* 1/139**Ni-15Mo-15Fe***Sodium Hydroxide* 1/139**Ni-15Mo***Sodium Hydroxide* 1/139**Ni-20Cr-15Mo***Sodium Hydroxide* 1/135, 205**Ni-20Mo-19P***Phosphoric Acid* 3/342**Ni-20Mo-20Fe***Sodium Hydroxide* 1/139**Ni-20Mo***Sodium Hydroxide* 1/139**Ni-20P***Hydrochloric Acid* 2/177**Ni-21Cr-Mo***Sodium Hydroxide* 1/135, 205**Ni-25Mo***Sodium Hydroxide* 1/139**Ni-30Fe-14P-6B***Hydrochloric Acid* 2/177**Ni-38.4Fe***Nitric Acid* 2/428**Ni-40Cr-20P***Hydrochloric Acid* 2/177**Ni-40Fe-20B***Hydrochloric Acid* 2/177**Ni-49.5Fe***Nitric Acid* 2/428**Ni57Cr21Mo13Fe4W3***Hydrochloric Acid* 2/254**Ni59Cr16Mo16Fe6W4***Hydrochloric Acid* 2/254**Ni59Cr23Mo16Fe1***Hydrochloric Acid* 2/254**Ni59Cr23Mo16Fe1Cu1.6***Hydrochloric Acid* 2/254**Ni61Cr21Mo9Fe4***Hydrochloric Acid* 2/254**Ni67Cr16Mo16Fe1***Hydrochloric Acid* 2/254**NiBe<sub>2</sub>***Nitric Acid* 2/427*Phosphoric Acid* 3/377**Nichrome®***Nitric Acid* 2/430**Nichrome® V***Hypochlorites* 3/53

**nickel**

*Hydrochloric Acid* 2/98, 203  
*Hypochlorites* 3/36, 38, 73  
*Mixed Acids* 1/306  
*Nitric Acid* 2/412  
*Phosphoric Acid* 3/342  
*Sodium Hydroxide* 1/14, 34, 108, 110, 204

**nickel alloys**

*Nitric Acid* 2/412, 419  
*Sodium Hydroxide* 1/42

**nickel phosphide**

*Nitric Acid* 2/473

**nickel-200**

*Hydrochloric Acid* 2/99  
*Hypochlorites* 3/73, 75  
*Phosphoric Acid* 3/309, 325, 344, 374–376, 452  
*Sodium Hydroxide* 1/108, 192

**nickel-201**

*Sodium Hydroxide* 1/108

**nickel-based alloys**

*Hydrochloric Acid* 2/87

**nickel-beryllium alloys**

*Nitric Acid* 2/427

**nickel-chromium-aluminium alloys**

*Nitric Acid* 2/428

**nickel-chromium-iron-molybdenum-cobalt alloys**

*Nitric Acid* 2/426

**nickel-chromium-iron alloys**

*Hydrochloric Acid* 2/99  
*Hypochlorites* 3/76  
*Mixed Acids* 1/306  
*Nitric Acid* 2/289, 418  
*Phosphoric Acid* 3/347  
*Sodium Hydroxide* 1/110, 204

**nickel-chromium alloys**

*Hydrochloric Acid* 2/99  
*Hypochlorites* 3/75  
*Mixed Acids* 1/306  
*Nitric Acid* 2/414  
*Phosphoric Acid* 3/343  
*Sodium Hydroxide* 1/110, 204

**nickel-chromium-molybdenum alloys**

*Hydrochloric Acid* 2/99  
*Hypochlorites* 3/76  
*Mixed Acids* 1/306, 413  
*Nitric Acid* 2/423  
*Phosphoric Acid* 3/349  
*Sodium Hydroxide* 1/135, 204

**nickel-chromium-tungsten-molybdenum alloys**

*Nitric Acid* 2/425

**nickel-cobalt-chromium-molybdenum alloys**

*Nitric Acid* 2/426

**nickel-copper alloys**

*Hydrochloric Acid* 2/117  
*Hypochlorites* 3/83  
*Mixed Acids* 1/334  
*Nitric Acid* 2/425  
*Phosphoric Acid* 3/367  
*Sodium Hydroxide* 1/136, 204

**nickel-molybdenum alloys**

*Hydrochloric Acid* 2/117  
*Hypochlorites* 3/84  
*Mixed Acids* 1/334, 414  
*Nitric Acid* 2/425  
*Phosphoric Acid* 3/369  
*Sodium Hydroxide* 1/139

**NiCo20Cr20MoTi**

*Mixed Acids* 1/331

**NiCr steel**

*Sodium Hydroxide* 1/69

**NiCr13Mo6Ti3**

*Phosphoric Acid* 3/308, 323

**NiCr15Fe**

*Hypochlorites* 3/36, 38, 76  
*Phosphoric Acid* 3/191, 309, 312, 315, 326–327, 347, 375–376  
*Sodium Hydroxide* 1/97, 110, 122, 136, 205

**NiCr15Fe7TiAl**

*Mixed Acids* 1/409

**NiCr15Fe8**

*Sodium Hydroxide* 1/131

**NiCr15P17**

*Phosphoric Acid* 3/381

**NiCr15Ta3P17**

*Phosphoric Acid* 3/381

**NiCr15TaP17**

*Phosphoric Acid* 3/380

**NiCr16Fe**

*Hydrochloric Acid* 2/99

**NiCr19Fe**

*Sodium Hydroxide* 1/116

**NiCr19Fe19Nb5Mo3**

*Phosphoric Acid* 3/323

**NiCr19Nb5Mo**

*Phosphoric Acid* 3/308

**NiCr20CuMo**

*Mixed Acids* 1/307  
*Phosphoric Acid* 3/294, 311, 313, 315–317, 319

**NiCr20Mo15**

Phosphoric Acid 3/243  
Sodium Hydroxide 1/136

**NiCr20Mo1P17**

Phosphoric Acid 3/381

**NiCr21Fe**

Hydrochloric Acid 2/99

**NiCr21Mo**

Hydrochloric Acid 2/99  
Hypochlorites 3/53, 74, 76  
Mixed Acids 1/307, 312, 331  
Phosphoric Acid 3/182, 251, 294,  
308–309, 311, 313, 315–317, 319, 323,  
327, 350, 358, 360, 368, 372–374  
Sodium Hydroxide 1/136

**NiCr21Mo14W**

Hypochlorites 3/52, 74  
Mixed Acids 1/302, 307, 320, 409  
Phosphoric Acid 3/350, 361

**NiCr21Mo16W**

Mixed Acids 1/307

**NiCr21Mo6Cu**

Hypochlorites 3/53  
Phosphoric Acid 3/337, 360

**NiCr22Mo6Cu**

Hypochlorites 3/53, 74  
Mixed Acids 1/307, 331  
Phosphoric Acid 3/249, 313, 323, 350,  
361, 372

**NiCr22Mo7Cu**

Hydrochloric Acid 2/99  
Hypochlorites 3/53, 74  
Mixed Acids 1/307  
Phosphoric Acid 3/350

**NiCr22Mo9N**

Phosphoric Acid 3/336

**NiCr22Mo9Nb**

Hydrochloric Acid 2/99  
Hypochlorites 3/53, 74  
Mixed Acids 1/290, 296, 307, 320  
Phosphoric Acid 3/313, 323, 350, 361,  
368, 372  
Sodium Hydroxide 1/116

**NiCr23Co12Mo**

Phosphoric Acid 3/377

**NiCr23Mo16Al**

Hydrochloric Acid 2/99  
Hypochlorites 3/52, 82  
Mixed Acids 1/290, 302, 320

**NiCr23MoTi**

Mixed Acids 1/307

**NiCr29Fe**

Hypochlorites 3/53, 76  
Mixed Acids 1/307  
Phosphoric Acid 3/348  
Sodium Hydroxide 1/116, 131

**NiCr30FeMo**

Hypochlorites 3/52, 74  
Mixed Acids 1/290, 307, 327  
Phosphoric Acid 3/348, 350

**NiCr34Mo18Si16B4**

Phosphoric Acid 3/381

**NiCr38Mo20P10**

Phosphoric Acid 3/380–381

**NiCr80-20**

Hypochlorites 3/53, 75

**NiCrMo alloys**

Hydrochloric Acid 2/100, 254

**NiCrMoCu 56 23 6 6**

Phosphoric Acid 3/308

**NiCrMoCu 68 21 5 3**

Phosphoric Acid 3/308

**NiCrMoV steels**

Sodium Hydroxide 1/65–66

**Nicrofer® 3033**

Mixed Acids 1/277–278  
Sodium Hydroxide 1/105

**Nicrofer® 3127 hMo**

Mixed Acids 1/277, 290–291, 296–301  
Phosphoric Acid 3/331, 334

**Nicrofer® 3127 LC**

Mixed Acids 1/278, 297, 300–301  
Phosphoric Acid 3/331–332

**Nicrofer® 4221**

Hydrochloric Acid 2/99

**Nicrofer® 4823 hMo**

Hydrochloric Acid 2/99  
Mixed Acids 1/297, 301  
Phosphoric Acid 3/331

**Nicrofer® 5621 hMoW**

Mixed Acids 1/320

**Nicrofer® 5716 hMoW**

Hydrochloric Acid 2/99  
Mixed Acids 1/297, 317–320

**Nicrofer® 5923 hMo**

Hydrochloric Acid 2/99  
Hypochlorites 3/52, 81  
Mixed Acids 1/297, 308, 317–320, 323,  
333–334

**Nicrofer® 5923 hMoW**

Mixed Acids 1/317

**Nicrofer® 6020 hMo**

*Hydrochloric Acid* 2/99  
*Mixed Acids* 1/297, 301, 320  
*Phosphoric Acid* 3/331

**Nicrofer® 6030**

*Mixed Acids* 1/278

**Nicrofer® 6616 hMo**

*Hydrochloric Acid* 2/99  
*Mixed Acids* 1/297, 320

**Nicrofer® S 5716**

*Mixed Acids* 1/317

**Nicrofer® S 5923**

*Mixed Acids* 1/317–318

**Nicrosilal®**

*Hypochlorites* 3/48

**NiCu30Al**

*Phosphoric Acid* 3/182, 308, 325

**NiCu30Fe**

*Hypochlorites* 3/36, 38, 75, 83  
*Mixed Acids* 1/334  
*Phosphoric Acid* 3/182, 191, 308–309,  
 312, 315, 318, 325, 327, 367–369,  
 373–376  
*Sodium Hydroxide* 1/136

**NiHard® 1**

*Phosphoric Acid* 3/251–252, 254

**NiHard® 4**

*Phosphoric Acid* 3/251–252, 254

**NiMo alloy B-2**

*Mixed Acids* 1/313

**NiMo alloys**

*Hydrochloric Acid* 2/121, 124

**NiMo10P19**

*Phosphoric Acid* 3/381

**NiMo16Cr**

*Hypochlorites* 3/81  
*Phosphoric Acid* 3/182, 190

**NiMo16Cr15W**

*Hydrochloric Acid* 2/99  
*Hypochlorites* 3/36, 38, 53, 74, 83  
*Mixed Acids* 1/296, 307, 310, 320  
*Phosphoric Acid* 3/251, 324, 337, 350

**NiMo16Cr16Ti**

*Hydrochloric Acid* 2/99  
*Hypochlorites* 3/52, 74  
*Mixed Acids* 1/307, 320  
*Phosphoric Acid* 3/350

**NiMo20P19**

*Phosphoric Acid* 3/381

**NiMo28**

*Hydrochloric Acid* 2/252  
*Hypochlorites* 3/84  
*Mixed Acids* 1/335  
*Phosphoric Acid* 3/369

**NiMo29Cr**

*Mixed Acids* 1/335

**NiMo30**

*Phosphoric Acid* 3/182, 191, 308,  
 310–311, 314–315, 327, 371–374  
*Sodium Hydroxide* 1/136

**Nimofor® 6629**

*Mixed Acids* 1/335

**Nimonic® 75**

*Sodium Hydroxide* 1/98

**Nimonic® alloy 80 A**

*Nitric Acid* 2/418

**niobium**

*Hydrochloric Acid* 2/130, 135, 138, 141,  
 239  
*Hypochlorites* 3/86–87  
*Mixed Acids* 1/339–340  
*Nitric Acid* 2/289, 432–434, 450  
*Phosphoric Acid* 3/386, 388–389  
*Sodium Hydroxide* 1/142–143, 205

**niobium alloys**

*Nitric Acid* 2/434

**niobium carbide**

*Nitric Acid* 2/468

**Ni-O-Nel®**

*Mixed Acids* 1/307

**Ni-O-Nel® Alloy 825**

*Phosphoric Acid* 3/182

**Ni-P alloys**

*Mixed Acids* 1/350

**NiP coatings**

*Phosphoric Acid* 3/452

**Nipol®**

*Sodium Hydroxide* 1/195

**Nipol AR®**

*Sodium Hydroxide* 1/195

**Ni-Resist®**

*Hydrochloric Acid* 2/67  
*Hypochlorites* 3/36, 38  
*Phosphoric Acid* 3/252, 254

**Ni-Resist® 1**

*Phosphoric Acid* 3/230, 251, 310, 324,  
 327, 373, 375–376

**Ni-Resist® 2**

*Hypochlorites* 3/48  
*Phosphoric Acid* 3/230, 324, 375

**Ni-Resist® 3**

*Phosphoric Acid* 3/324

- Ni-Resist<sup>®</sup> 4**  
*Phosphoric Acid* 3/324
- Ni-Resist<sup>®</sup> D-2**  
*Hypochlorites* 3/48  
*Phosphoric Acid* 3/324
- Ni-Resist<sup>®</sup> D-2B**  
*Hypochlorites* 3/48  
*Phosphoric Acid* 3/324
- Ni-Resist<sup>®</sup> D-2C**  
*Phosphoric Acid* 3/230
- Ni-Resist<sup>®</sup> D-4**  
*Phosphoric Acid* 3/325, 327
- Ni-Resist<sup>®</sup> Type 2**  
*Phosphoric Acid* 3/327
- Ni-Resist<sup>®</sup> Type D-2**  
*Phosphoric Acid* 3/327
- NIROSTA<sup>®</sup> 4460**  
*Hypochlorites* 3/60
- NIROSTA<sup>®</sup> 4521**  
*Hypochlorites* 3/57
- NIROSTA<sup>®</sup> steels**  
*Mixed Acids* 1/291
- NiTa10Nb30**  
*Phosphoric Acid* 3/382
- NiTa20Zr20**  
*Phosphoric Acid* 3/382
- NiTa30**  
*Phosphoric Acid* 3/381
- NiTa30Nb10**  
*Phosphoric Acid* 3/382
- NiTa30Ti10**  
*Phosphoric Acid* 3/382
- NiTa3P17**  
*Phosphoric Acid* 3/379, 382
- NiTa50**  
*Phosphoric Acid* 3/382
- NiTa5P17**  
*Phosphoric Acid* 3/382
- Ni<sub>12</sub>Ge<sub>3</sub>B<sub>5</sub>**  
*Nitric Acid* 2/472
- Ni<sub>3</sub>Al**  
*Sodium Hydroxide* 1/166–167
- nitrides**  
*Hydrochloric Acid* 2/198–199  
*Hypochlorites* 3/105  
*Mixed Acids* 1/373  
*Nitric Acid* 2/468  
*Phosphoric Acid* 3/418  
*Sodium Hydroxide* 1/166
- Nitriflex<sup>®</sup>**  
*Sodium Hydroxide* 1/195
- nitrile rubber**  
*Hydrochloric Acid* 2/244
- nitrogen-chromium-manganese steels**  
*Nitric Acid* 2/340
- Nitronic<sup>®</sup> 50**  
*Nitric Acid* 2/438
- nodular cast iron**  
*Sodium Hydroxide* 1/62
- Nordel<sup>®</sup>**  
*Phosphoric Acid* 3/429  
*Sodium Hydroxide* 1/195
- Noricid<sup>®</sup> 9.4306**  
*Nitric Acid* 2/349
- Noridur<sup>®</sup>**  
*Hypochlorites* 3/60
- Noridur<sup>®</sup> 1.4593**  
*Nitric Acid* 2/396
- Noridur<sup>®</sup> 9.4460**  
*Phosphoric Acid* 3/257
- Novapress<sup>®</sup> 200**  
*Phosphoric Acid* 3/453
- Novapress<sup>®</sup> 300**  
*Phosphoric Acid* 3/453
- Novolak<sup>®</sup>**  
*Hydrochloric Acid* 2/251
- Noxтите<sup>®</sup>**  
*Sodium Hydroxide* 1/195
- Noxтите PA<sup>®</sup>**  
*Sodium Hydroxide* 1/195
- NP 599**  
*Phosphoric Acid* 3/252–254
- NR**  
*Hydrochloric Acid* 2/209, 220, 243–244, 261  
*Hypochlorites* 3/112  
*Mixed Acids* 1/385  
*Phosphoric Acid* 3/455  
*Sodium Hydroxide* 1/172, 176
- NR/SBR**  
*Hydrochloric Acid* 2/245
- Nucerite<sup>®</sup>**  
*Phosphoric Acid* 3/412
- Nucerite<sup>®</sup> C 20**  
*Phosphoric Acid* 3/412
- Nucerite<sup>®</sup> C 20 G**  
*Hypochlorites* 3/102–103  
*Phosphoric Acid* 3/413
- Nylon<sup>®</sup>**  
*Hydrochloric Acid* 2/231
- o**
- Oilon<sup>®</sup> PV-80**  
*Nitric Acid* 2/484

**oils**

Phosphoric Acid 3/424  
Sodium Hydroxide 1/186

**Oppanol®**

Hypochlorites 3/99

**osmium**

Hydrochloric Acid 2/129, 169  
Hypochlorites 3/85–86  
Mixed Acids 1/338  
Nitric Acid 2/431  
Phosphoric Acid 3/384, 386  
Sodium Hydroxide 1/141

**OT 4-0**

Nitric Acid 2/449

**OT 4-1**

Hydrochloric Acid 2/154–155  
Nitric Acid 2/440–441

**oxide ceramic**

Hydrochloric Acid 2/197  
Mixed Acids 1/362–364  
Sodium Hydroxide 1/159

**oxide ceramic materials**

Hypochlorites 3/105  
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**Oxydur®**

Mixed Acids 1/409

**Oxydur® UP 82**

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**p****P-105**

Hydrochloric Acid 2/60

**P265GH (HII)**

Sodium Hydroxide 1/59, 61

**PA**

Hydrochloric Acid 2/231  
Sodium Hydroxide 1/176

**PA 6**

Hydrochloric Acid 2/209, 231  
Hypochlorites 3/120  
Mixed Acids 1/385  
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**PA 66**

Hydrochloric Acid 2/209, 231–232  
Mixed Acids 1/385  
Sodium Hydroxide 1/172

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Nitric Acid 2/503  
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**Palatal®**

Hydrochloric Acid 2/243

**Pallacid®**

Hydrochloric Acid 2/12  
Phosphoric Acid 3/174

**palladium**

Hydrochloric Acid 2/129, 144  
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Nitric Acid 2/431  
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**PAN**

Hydrochloric Acid 2/209  
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Sodium Hydroxide 1/172, 176

**Paracri®**

Sodium Hydroxide 1/195

**paraffin**

Mixed Acids 1/403  
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**PAS**

Hydrochloric Acid 2/209, 231

**passivated iron**

Nitric Acid 2/335

**PB**

Hydrochloric Acid 2/209, 259  
Hypochlorites 3/110  
Mixed Acids 1/385  
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**Pb 99.9 Cu**

Phosphoric Acid 3/182

**Pb 99.985**

Hypochlorites 3/85  
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**Pb 99.99**

Hypochlorites 3/85  
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**PB985R**

Phosphoric Acid 3/182, 190, 309, 313,  
315–316, 381

**PB990R**

Phosphoric Acid 3/182, 190, 309, 313,  
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**PbSb 5**

Hypochlorites 3/85

**PbSb 8**

Hypochlorites 3/85

**PbSn alloys**

Nitric Acid 2/430

**PBT**

Hydrochloric Acid 2/209  
Mixed Acids 1/385  
Sodium Hydroxide 1/172

**PBTP**

*Hyochlorites* 3/110  
*Phosphoric Acid* 3/430

**PC**

*Hydrochloric Acid* 2/209, 232, 234  
*Hyochlorites* 3/120  
*Phosphoric Acid* 3/442  
*Sodium Hydroxide* 1/172, 176

**PCTFE**

*Hydrochloric Acid* 2/243  
*Hyochlorites* 3/120, 122–123  
*Mixed Acids* 1/397  
*Nitric Acid* 2/494  
*Phosphoric Acid* 3/446

**Pd<sub>50</sub>Sn<sub>50</sub>**

*Nitric Acid* 2/431

**Pd<sub>66.7</sub>Sn<sub>33.3</sub>**

*Nitric Acid* 2/431

**Pd<sub>75</sub>Sn<sub>25</sub>**

*Nitric Acid* 2/431

**PE**

*Hydrochloric Acid* 2/209, 221–222, 240,  
 243, 245, 261–262  
*Hyochlorites* 3/107, 120  
*Mixed Acids* 1/385, 394, 410  
*Nitric Acid* 2/479  
*Phosphoric Acid* 3/182, 426–427, 453  
*Sodium Hydroxide* 1/172, 176, 179

**pearlitic cast iron**

*Mixed Acids* 1/248

**pearlitic gray cast iron**

*Nitric Acid* 2/335

**PE-C**

*Hydrochloric Acid* 2/209, 241  
*Mixed Acids* 1/385  
*Sodium Hydroxide* 1/172

**PEEK**

*Hydrochloric Acid* 2/231

**PE-GF**

*Hydrochloric Acid* 2/213

**PE-HD**

*Hydrochloric Acid* 2/207, 209, 213,  
 219–222, 259, 265  
*Mixed Acids* 1/384–385, 390  
*Phosphoric Acid* 3/426–427  
*Sodium Hydroxide* 1/173, 177, 179

**PEI**

*Hydrochloric Acid* 2/209, 231  
*Mixed Acids* 1/386

**PEK**

*Hydrochloric Acid* 2/209, 231  
*Mixed Acids* 1/386

**PE-LD**

*Hydrochloric Acid* 2/209, 222, 259  
*Mixed Acids* 1/385  
*Phosphoric Acid* 3/426–427  
*Sodium Hydroxide* 1/173

**PE-LLD**

*Hydrochloric Acid* 2/209  
*Mixed Acids* 1/385  
*Sodium Hydroxide* 1/173

**Pentaplast®**

*Nitric Acid* 2/497–498

**Pentaplast® PL-2**

*Nitric Acid* 2/498

**Penton®**

*Phosphoric Acid* 3/450

**Perbunan®**

*Hyochlorites* 3/95  
*Phosphoric Acid* 3/455–459  
*Sodium Hydroxide* 1/195

**Perbunan N®**

*Hydrochloric Acid* 2/243

**perfluoroalkoxy copolymer**

*Hydrochloric Acid* 2/226, 229

**perfluoroalkoxy polymers**

*Hydrochloric Acid* 2/243

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*Hydrochloric Acid* 2/263

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*Hydrochloric Acid* 2/238

**Perlon®**

*Hydrochloric Acid* 2/231

**Permalloy® 52N**

*Nitric Acid* 2/428

**PES**

*Hydrochloric Acid* 2/209, 231  
*Mixed Acids* 1/386

**PET**

*Hydrochloric Acid* 2/210, 232, 234  
*Mixed Acids* 1/386  
*Sodium Hydroxide* 1/173, 176

**PE-VLD**

*Hydrochloric Acid* 2/209  
*Mixed Acids* 1/386  
*Sodium Hydroxide* 1/173

**PF**

*Hydrochloric Acid* 2/210, 233, 243  
*Mixed Acids* 1/386  
*Sodium Hydroxide* 1/173, 176

**PFA**

*Hydrochloric Acid* 2/210, 219, 226, 229,  
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216, 223, 233, 241, 243

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**PMMA**

- Hydrochloric Acid* 2/210, 230
- Hypochlorites* 3/117
- Mixed Acids* 1/386
- Phosphoric Acid* 3/406, 438
- Sodium Hydroxide* 1/173, 176

**PMP**

- Phosphoric Acid* 3/451

**polyacetal**

- Hydrochloric Acid* 2/210
- Mixed Acids* 1/386
- Nitric Acid* 2/484
- Phosphoric Acid* 3/439

**polyacrylonitrile**

- Hydrochloric Acid* 2/209, 216
- Mixed Acids* 1/385

**polyamides**

- Hydrochloric Acid* 2/207, 209, 214–216, 231
- Hypochlorites* 3/118
- Mixed Acids* 1/384–385, 401
- Nitric Acid* 2/290, 483
- Phosphoric Acid* 3/438
- Sodium Hydroxide* 1/171, 177

**polyarylethersulfone**

- Hydrochloric Acid* 2/209, 231
- Mixed Acids* 1/386

**polyarylsulfone**

- Hydrochloric Acid* 2/209, 231

**polybutene**

- Hydrochloric Acid* 2/209
- Mixed Acids* 1/385

**polybutylene**

- Hypochlorites* 3/110
- Phosphoric Acid* 3/430

**polybutylene terephthalate**

- Hydrochloric Acid* 2/209
- Hypochlorites* 3/110
- Mixed Acids* 1/385
- Phosphoric Acid* 3/430

**polycarbonate**

- Hydrochloric Acid* 2/209, 215, 216, 232
- Hypochlorites* 3/120
- Mixed Acids* 1/385
- Nitric Acid* 2/486
- Phosphoric Acid* 3/442

**polychlorobutadiene**

- Phosphoric Acid* 3/455

**polychlorotrifluoroethylene**

- Hydrochloric Acid* 2/243
- Mixed Acids* 1/397

**polyester**

- Hydrochloric Acid* 2/214–215, 232, 248
- Mixed Acids* 1/395
- Sodium Hydroxide* 1/177

**polyester resin mortars**

- Hypochlorites* 3/99

**polyester resins**

- Hydrochloric Acid* 2/207, 216, 232, 240–241
- Hypochlorites* 3/119
- Mixed Acids* 1/384, 402, 410
- Phosphoric Acid* 3/440, 442

**polyester resins (glass fiber-reinforced)**

- Hydrochloric Acid* 2/258

**polyesters**

- Hydrochloric Acid* 2/214
- Nitric Acid* 2/290, 484
- Phosphoric Acid* 3/440

**polyetheramide**

- Hydrochloric Acid* 2/210
- Mixed Acids* 1/386

**polyetherimide**

- Hydrochloric Acid* 2/209, 231
- Mixed Acids* 1/386

**polyetherketone**

- Hydrochloric Acid* 2/209, 231
- Mixed Acids* 1/386

**polyethers**

- Phosphoric Acid* 3/450

**polyethylene**

- Hydrochloric Acid* 2/209, 213, 221, 243, 257
- Hypochlorites* 3/107–108, 110
- Mixed Acids* 1/265, 385, 387, 394
- Phosphoric Acid* 3/182, 425, 427
- Sodium Hydroxide* 1/175, 177, 179–180

**polyethylene chlorotrifluoroethylene**

- Sodium Hydroxide* 1/181

**polyethylene sulphide**

- Sodium Hydroxide* 1/187

**polyethylene terephthalate**

- Hydrochloric Acid* 2/210, 232
- Mixed Acids* 1/386

**polyethylene tetrafluoroethylene**

- Sodium Hydroxide* 1/181

**polyethylene-polytetrafluoroethylene**

- Hypochlorites* 3/122

**polyimide**

- Hydrochloric Acid* 2/210, 248
- Mixed Acids* 1/386

**polyisobutene**

- Mixed Acids* 1/386

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243*Hypochlorites* 3/112, 121–122*Mixed Acids* 1/386, 394, 397*Nitric Acid* 2/289*Phosphoric Acid* 3/446, 448, 459*Sodium Hydroxide* 1/177, 182, 195**polytrifluorochloroethylene***Phosphoric Acid* 3/446**polytrifluoroethylene***Hypochlorites* 3/122**polyurethane concretes***Sodium Hydroxide* 1/151**polyurethane resins***Hydrochloric Acid* 2/240**polyurethane rubber***Hypochlorites* 3/121**polyurethanes***Hydrochloric Acid* 2/210, 214–216, 235*Hypochlorites* 3/112, 121*Mixed Acids* 1/357, 401, 415*Nitric Acid* 2/462, 487*Phosphoric Acid* 3/443*Sodium Hydroxide* 1/177**polyvinyl acetate***Hydrochloric Acid* 2/210*Mixed Acids* 1/386

**polyvinyl alcohol**

*Hydrochloric Acid* 2/210, 214  
*Mixed Acids* 1/386  
*Sodium Hydroxide* 1/177

**polyvinyl chloride**

*Hydrochloric Acid* 2/14, 207, 210, 224, 243, 258  
*Hypochlorites* 3/112, 122, 124  
*Mixed Acids* 1/384, 386, 396  
*Nitric Acid* 2/480  
*Phosphoric Acid* 3/431, 433, 447  
*Sodium Hydroxide* 1/171, 175, 181, 207

**polyvinyl esters**

*Hypochlorites* 3/116  
*Nitric Acid* 2/482  
*Phosphoric Acid* 3/434, 435

**polyvinyl fluoride**

*Hypochlorites* 3/122  
*Phosphoric Acid* 3/447–448

**polyvinylidene chloride**

*Hypochlorites* 3/122, 124  
*Phosphoric Acid* 3/447–449

**polyvinylidene fluoride**

*Hydrochloric Acid* 2/210, 226–227, 243  
*Hypochlorites* 3/122  
*Mixed Acids* 1/386, 395, 398  
*Phosphoric Acid* 3/447–448  
*Sodium Hydroxide* 1/182

**POM**

*Hydrochloric Acid* 2/210  
*Hypochlorites* 3/120  
*Mixed Acids* 1/386  
*Phosphoric Acid* 3/439  
*Sodium Hydroxide* 1/173, 176

**porcelain**

*Hypochlorites* 3/98, 104  
*Mixed Acids* 1/361, 416  
*Nitric Acid* 2/289, 466–467  
*Phosphoric Acid* 3/415

**porcelain enamels**

*Sodium Hydroxide* 1/154

**Portland cement**

*Hydrochloric Acid* 2/181–182  
*Hypochlorites* 3/98  
*Nitric Acid* 2/462

**potassium waterglass mortar**

*Mixed Acids* 1/355–357

**powder metallurgical materials**

*Hypochlorites* 3/127  
*Nitric Acid* 2/508  
*Phosphoric Acid* 3/455

**powder metallurgy zirconium**

*Nitric Acid* 2/455

**PP**

*Hydrochloric Acid* 2/207, 210, 213, 219–223, 243–245, 251, 259, 261–262, 264–265  
*Hypochlorites* 3/110–111  
*Mixed Acids* 1/289, 384, 386, 390, 395, 410  
*Nitric Acid* 2/479  
*Phosphoric Acid* 3/429, 445  
*Sodium Hydroxide* 1/173, 176–177, 179

**PPS**

*Hydrochloric Acid* 2/210, 231  
*Mixed Acids* 1/386  
*Sodium Hydroxide* 1/173

**PPSU**

*Hydrochloric Acid* 2/210  
*Mixed Acids* 1/386  
*Sodium Hydroxide* 1/173

**PRD®-49**

*Nitric Acid* 2/484

**pressure vessel steels**

*Sodium Hydroxide* 1/51

**PrGe**

*Nitric Acid* 2/473

**PrGe<sub>2</sub>**

*Nitric Acid* 2/473

**PrN**

*Nitric Acid* 2/472

**propeller bronze**

*Hydrochloric Acid* 2/50

**Pr<sub>5</sub>Ge<sub>3</sub>**

*Nitric Acid* 2/473

**PS**

*Hydrochloric Acid* 2/210, 230  
*Hypochlorites* 3/120  
*Mixed Acids* 1/386, 403  
*Sodium Hydroxide* 1/173, 176

**PSU**

*Hydrochloric Acid* 2/210, 231  
*Mixed Acids* 1/386  
*Sodium Hydroxide* 1/173, 176

**PT-3V**

*Nitric Acid* 2/435–436, 440, 445

**PTE**

*Hydrochloric Acid* 2/265

**PTFE**

*Hydrochloric Acid* 2/7, 178, 180–181, 188, 210, 219, 223–224, 226–227, 227, 238, 243, 245, 247, 256, 258, 260, 262–265

*Hypochlorites* 3/95, 112, 120–123

*Mixed Acids* 1/237, 386, 394, 396–398, 409, 417

*Nitric Acid* 2/348, 409, 463, 493–494

*Phosphoric Acid* 3/408, 412, 445–446, 448, 456–459

*Sodium Hydroxide* 1/173, 176–177, 181–182, 195, 207

**PTFE compound**

*Hydrochloric Acid* 2/247

**PTFE yarn**

*Hydrochloric Acid* 2/247

**PTFE-perfluoroalkoxy copolymer**

*Hydrochloric Acid* 2/210

*Mixed Acids* 1/386

**pumice**

*Mixed Acids* 1/353

**PUR**

*Hydrochloric Acid* 2/210, 235

*Hypochlorites* 3/121

*Mixed Acids* 1/386

*Sodium Hydroxide* 1/173

**pure aluminium**

*Hydrochloric Acid* 2/19–20, 22, 40

*Nitric Acid* 2/294, 300–302

*Phosphoric Acid* 3/171–172

**pure chromium**

*Hydrochloric Acid* 2/43–44, 173

**pure cobalt**

*Hydrochloric Acid* 2/41

*Sodium Hydroxide* 1/31

**pure copper**

*Hypochlorites* 3/19

**pure nickel**

*Hydrochloric Acid* 2/99

**pure niobium**

*Hydrochloric Acid* 2/138

**pure phosphoric acid**

*Phosphoric Acid* 3/446

**pure tantalum**

*Hydrochloric Acid* 2/137, 139

*Nitric Acid* 2/435, 457

**pure titanium**

*Hydrochloric Acid* 2/144–146, 149, 156–158, 166, 254

*Hypochlorites* 3/87

*Nitric Acid* 2/435, 438, 446–447, 449

*Phosphoric Acid* 3/392, 453

*Sodium Hydroxide* 1/145

**pure titanium sponge**

*Hydrochloric Acid* 2/150

**pure zirconium**

*Hydrochloric Acid* 2/167

**putties**

*Hypochlorites* 3/100

*Nitric Acid* 2/463

*Phosphoric Acid* 3/406

*Sodium Hydroxide* 1/151

**PVAC**

*Hydrochloric Acid* 2/210

*Mixed Acids* 1/386

*Sodium Hydroxide* 1/173

**PVAL**

*Hydrochloric Acid* 2/210, 214

*Mixed Acids* 1/386

*Sodium Hydroxide* 1/173, 177

**PVC**

*Hydrochloric Acid* 2/14, 40, 210, 224, 243, 245, 251, 258, 261–262

*Hypochlorites* 3/99, 112–115, 120, 122, 124

*Mixed Acids* 1/386, 396–397, 410

*Nitric Acid* 2/480

*Phosphoric Acid* 3/182, 431, 434, 445, 447–448, 453

*Sodium Hydroxide* 1/173, 181

**PVC hard**

*Hydrochloric Acid* 2/216

**PVC soft**

*Hydrochloric Acid* 2/216, 242

**PVC-C**

*Hydrochloric Acid* 2/207, 210, 219, 221, 225, 259, 262, 265

*Mixed Acids* 1/384, 386, 390

*Sodium Hydroxide* 1/173, 177, 207

**PVC-P**

*Hydrochloric Acid* 2/210, 224

*Mixed Acids* 1/386

*Sodium Hydroxide* 1/173, 176

**PVC-U**

*Hydrochloric Acid* 2/207, 210, 219–221, 224–225, 257–258, 264

*Mixed Acids* 1/384, 386, 390, 396

*Sodium Hydroxide* 1/173, 176–177, 207

**PVDC**

*Hypochlorites* 3/122, 124  
*Phosphoric Acid* 3/182, 447–449

**PVDF**

*Hydrochloric Acid* 2/207, 210, 213,  
 219–221, 223, 238, 240, 242–243,  
 245–246, 251, 258–259, 262–263,  
 264–265  
*Hypochlorites* 3/120, 122–123  
*Mixed Acids* 1/384, 386, 390, 395, 398  
*Nitric Acid* 2/494–495  
*Phosphoric Acid* 3/445, 447–448  
*Sodium Hydroxide* 1/173, 176–177,  
 182–183

**PVDF Forafion®**

*Mixed Acids* 1/399

**PVDF Solef®**

*Mixed Acids* 1/398–399

**PVF**

*Hypochlorites* 3/122  
*Phosphoric Acid* 3/447–448

**PVMQ**

*Hypochlorites* 3/112, 124  
*Sodium Hydroxide* 1/195

**Pyrex®**

*Hypochlorites* 3/101  
*Mixed Acids* 1/358, 415  
*Phosphoric Acid* 3/419

**Pyrex®-7740**

*Sodium Hydroxide* 1/151

**q****Quacorr®**

*Hydrochloric Acid* 2/243  
*Hypochlorites* 3/107  
*Phosphoric Acid* 3/425  
*Sodium Hydroxide* 1/185

**Quacorr® 1200 FR**

*Nitric Acid* 2/475

**Quacorr®-RP 100A/RP 104B**

*Nitric Acid* 2/475

**quartz**

*Hypochlorites* 3/102  
*Mixed Acids* 1/382  
*Nitric Acid* 2/464  
*Phosphoric Acid* 3/409  
*Sodium Hydroxide* 1/151

**quartz glass**

*Hydrochloric Acid* 2/185  
*Hypochlorites* 3/102  
*Mixed Acids* 1/359, 416  
*Nitric Acid* 2/464  
*Phosphoric Acid* 3/409  
*Sodium Hydroxide* 1/154

**quartz material**

*Hypochlorites* 3/102

**quartz sand**

*Hydrochloric Acid* 2/184

**quartz ware**

*Sodium Hydroxide* 1/154

**quartzite**

*Phosphoric Acid* 3/400

**r****R glass**

*Hydrochloric Acid* 2/250, 258

**R30605**

*Hydrochloric Acid* 2/42

**R50400**

*Hydrochloric Acid* 2/149, 156–157  
*Nitric Acid* 2/437, 440, 443–445, 448

**R52400**

*Hydrochloric Acid* 2/149  
*Nitric Acid* 2/437, 448

**R53400**

*Hydrochloric Acid* 2/157

**R54520**

*Nitric Acid* 2/438, 440

**R60702**

*Hydrochloric Acid* 2/167  
*Nitric Acid* 2/451

**R60704**

*Nitric Acid* 2/451

**R60705**

*Nitric Acid* 2/451

**R60802**

*Nitric Acid* 2/454

**R60804**

*Nitric Acid* 2/452–454

**Radel®**

*Phosphoric Acid* 3/451

**Rapal®**

*Nitric Acid* 2/467

**RB-SiC**

*Mixed Acids* 1/373

**reaction-sintered SiC**

*Hydrochloric Acid* 2/201

**red brass**

*Hypochlorites* 3/25  
*Mixed Acids* 1/246  
*Phosphoric Acid* 3/194  
*Sodium Hydroxide* 1/37

**red bronze**

*Hydrochloric Acid* 2/54

**redwood**

*Phosphoric Acid* 3/424

**refined aluminium**

*Nitric Acid* 2/294  
*Phosphoric Acid* 3/171

**refractory material**

*Hypochlorites* 3/105

**refractory materials**

*Mixed Acids* 1/362, 416  
*Nitric Acid* 2/467

**refractory metals**

*Mixed Acids* 1/351

**ReGe<sub>2</sub>**

*Nitric Acid* 2/473

**Remanit® 4133**

*Hypochlorites* 3/57

**Remanit® 4306**

*Nitric Acid* 2/355, 365

**Remanit® 4335-So**

*Nitric Acid* 2/355

**Remanit® 4362**

*Nitric Acid* 2/394

**Remanit® 4429**

*Nitric Acid* 2/396

**Remanit® 4438**

*Nitric Acid* 2/396

**Remanit® 4462**

*Nitric Acid* 2/393–394, 396  
*Phosphoric Acid* 3/260, 272

**Remanit® 4465**

*Nitric Acid* 2/397  
*Phosphoric Acid* 3/320, 328

**Remanit® 4529 S**

*Phosphoric Acid* 3/320, 328

**Remanit® 4539**

*Phosphoric Acid* 3/320, 328

**Remanit® 4563**

*Phosphoric Acid* 3/320, 328

**Remanit® 4565**

*Mixed Acids* 1/277  
*Nitric Acid* 2/396  
*Phosphoric Acid* 3/317, 338

**Remanit® 4565 S**

*Phosphoric Acid* 3/320, 328, 337–338

**Remanit® 4575**

*Hypochlorites* 3/57  
*Nitric Acid* 2/397

**ReSi**

*Nitric Acid* 2/473

**resins**

*Hydrochloric Acid* 2/248  
*Sodium Hydroxide* 1/208

**ReSi<sub>2</sub>**

*Nitric Acid* 2/473

**Re<sub>3</sub>Si**

*Nitric Acid* 2/473

**rhений**

*Nitric Acid* 2/457

**Rhepanol® ORG**

*Mixed Acids* 1/355

**rhodium**

*Hydrochloric Acid* 2/129  
*Hypochlorites* 3/85–86  
*Mixed Acids* 1/338  
*Nitric Acid* 2/291  
*Phosphoric Acid* 3/384–386  
*Sodium Hydroxide* 1/141

**Rhodorsil®**

*Sodium Hydroxide* 1/195

**rigid PVC**

*Phosphoric Acid* 3/431–432, 434

**Rigidon®-4889**

*Nitric Acid* 2/475

**Rilsan®**

*Phosphoric Acid* 3/438

**rock crystal**

*Phosphoric Acid* 3/410

**rocks**

*Mixed Acids* 1/362

**Royalene®**

*Sodium Hydroxide* 1/195

**RSSIC**

*Hydrochloric Acid* 2/201

**rubber**

*Hydrochloric Acid* 2/80, 236, 257  
*Mixed Acids* 1/403  
*Phosphoric Acid* 3/182  
*Sodium Hydroxide* 1/186, 207

**rubber coating**

*Hydrochloric Acid* 2/244

**rubberised steel**

*Mixed Acids* 1/289

**ruthenium**

*Hydrochloric Acid* 2/129  
*Hypochlorites* 3/85–86  
*Mixed Acids* 1/256, 338  
*Nitric Acid* 2/431  
*Phosphoric Acid* 3/384, 386  
*Sodium Hydroxide* 1/141

**ruthenium alloys**

*Nitric Acid* 2/431

**Ru<sub>33.3</sub>Ta<sub>66.7</sub>**

*Nitric Acid* 2/431

**Ru<sub>36</sub>Cr<sub>64</sub>**

*Nitric Acid* 2/431

**Ru<sub>50</sub>Al<sub>50</sub>**

*Nitric Acid* 2/431

**Ru<sub>50</sub>Ti<sub>50</sub>**

*Nitric Acid* 2/431

**Ru<sub>50</sub>Zr<sub>50</sub>**

*Nitric Acid* 2/431

**s****S 45 C**

*Hydrochloric Acid* 2/197–198

**S17400**

*Phosphoric Acid* 3/242

**S17700**

*Phosphoric Acid* 3/242

**S30100**

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**S30400**

*Phosphoric Acid* 3/241

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*Phosphoric Acid* 3/242

**S30453**

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**S30600**

*Nitric Acid* 2/407–408

**S30800**

*Phosphoric Acid* 3/241

**S30980**

*Phosphoric Acid* 3/315

**S31002**

*Nitric Acid* 2/386, 407

**S31050**

*Hypochlorites* 3/68

**S31254**

*Hydrochloric Acid* 2/87, 253  
*Mixed Acids* 1/289, 298  
*Nitric Acid* 2/407

**S31260**

*Phosphoric Acid* 3/242

**S31500**

*Nitric Acid* 2/406

*Phosphoric Acid* 3/260–261

**S31600**

*Mixed Acids* 1/289

*Phosphoric Acid* 3/242

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**S31603**

*Hydrochloric Acid* 2/106

*Nitric Acid* 2/407

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*Sodium Hydroxide* 1/101

**S31608**

*Phosphoric Acid* 3/452

**S31635**

*Phosphoric Acid* 3/242

**S31640**

*Phosphoric Acid* 3/242

**S31653**

*Phosphoric Acid* 3/242

**S31703**

*Mixed Acids* 1/298

*Phosphoric Acid* 3/242

**S31803**

*Hypochlorites* 3/60

*Mixed Acids* 1/289

*Nitric Acid* 2/345

*Phosphoric Acid* 3/260

*Sodium Hydroxide* 1/101

**S32100**

*Phosphoric Acid* 3/242, 453

**S32304**

*Nitric Acid* 2/394

**S32404**

*Phosphoric Acid* 3/249, 257, 292

**S32550**

*Hydrochloric Acid* 2/106

**S32615**

*Hypochlorites* 3/55, 63

**S32654**

*Hydrochloric Acid* 2/97, 253

**S32750**

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- Hypochlorites* 3/51, 71
- Mixed Acids* 1/277–278, 284–285, 287–288, 300
- Nitric Acid* 2/385, 396
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- Hypochlorites* 3/124
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- Hydrochloric Acid* 2/210
- Mixed Acids* 1/386
- Sodium Hydroxide* 1/173

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- Hydrochloric Acid* 2/210, 237, 243–244
- Hypochlorites* 3/112
- Mixed Acids* 1/386
- Phosphoric Acid* 3/455
- Sodium Hydroxide* 1/173, 176, 195

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- Hydrochloric Acid* 2/210
- Mixed Acids* 1/386
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- Hypochlorites* 3/127
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- Hydrochloric Acid* 2/210, 235
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- Mixed Acids* 1/251

**SiC**

- Hydrochloric Acid* 2/198–199, 201
- Mixed Acids* 1/363–365, 368, 373, 378, 380, 417
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- Hydrochloric Acid* 2/201–202
- Phosphoric Acid* 3/421

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**Sigraflex®**

- Hypochlorites* 3/93
- Nitric Acid* 2/460, 503

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- Sodium Hydroxide* 1/195

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- Hydrochloric Acid* 2/184

**siliceous stones**

- Nitric Acid* 2/467

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- Phosphoric Acid* 3/418

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- Hydrochloric Acid* 2/56, 253
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**silicon carbide**

- Mixed Acids* 1/363, 373, 380, 417
- Phosphoric Acid* 3/418, 420–421
- Sodium Hydroxide* 1/168–169

**silicon cast iron**

- Hydrochloric Acid* 2/67
- Mixed Acids* 1/250–251, 413
- Sodium Hydroxide* 1/64

**silicon dioxide**

- Hydrochloric Acid* 2/189
- Phosphoric Acid* 3/419

**silicon monoxide**

- Hydrochloric Acid* 2/181

**silicon nitride**

- Mixed Acids* 1/364, 373–374, 380, 417
- Nitric Acid* 2/470
- Phosphoric Acid* 3/420
- Sodium Hydroxide* 1/168

**silicon oxide**

- Mixed Acids* 1/364

**silicon rubber**

- Mixed Acids* 1/384
- Sodium Hydroxide* 1/172, 195

**Silicone®**

- Sodium Hydroxide* 1/187, 195

**silicone resins**

- Hypochlorites* 3/124
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**silicone rubber**

- Hydrochloric Acid* 2/208, 238

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- Hypochlorites* 3/106
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- Nitric Acid* 2/309
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- Hypochlorites* 3/13
- Mixed Acids* 1/237, 239
- Nitric Acid* 2/288, 291
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- Hypochlorites* 3/13
- Mixed Acids* 1/239
- Nitric Acid* 2/291
- Phosphoric Acid* 3/168
- Sodium Hydroxide* 1/23

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- Nitric Acid* 2/291

**SiN**

- Mixed Acids* 1/373, 417

**Si<sub>3</sub>N<sub>4</sub>**

- Mixed Acids* 1/374, 376–377
- Nitric Acid* 2/470
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**SiO<sub>2</sub>**

- Hydrochloric Acid* 2/185
- Mixed Acids* 1/364, 368
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**SiSiC**

- Hydrochloric Acid* 2/204–205
- Sodium Hydroxide* 1/169

**S-Mac 302**

- Hypochlorites* 3/57

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- Nitric Acid* 2/369

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- Hydrochloric Acid* 2/184

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- Hydrochloric Acid* 2/236, 244
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- Hydrochloric Acid* 2/243
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- Mixed Acids* 1/386
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**styrene/butadiene/styrene block copolymer**

- Hydrochloric Acid* 2/210
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- Hypochlorites* 3/99

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- Hydrochloric Acid* 2/96
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- Phosphoric Acid* 3/225

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- Hydrochloric Acid* 2/72, 74
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- Hydrochloric Acid* 2/197–198
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- Nitric Acid* 2/350, 358

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- Nitric Acid* 2/364

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- Hypochlorites* 3/127
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- Hydrochloric Acid* 2/245

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- Phosphoric Acid* 3/455

**synthetic rubber**

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- Sodium Hydroxide* 1/172

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**X2CrNiMoN17-13-5**

*Hydrochloric Acid* 2/84, 87, 90  
*Hypochlorites* 3/31, 42, 50, 68  
*Mixed Acids* 1/277  
*Nitric Acid* 2/393–394, 397  
*Phosphoric Acid* 3/242, 251, 289, 366

**X2CrNiMoN22-5-3**

*Hydrochloric Acid* 2/77, 84, 87  
*Hypochlorites* 3/50, 61–62  
*Nitric Acid* 2/390–391, 393  
*Phosphoric Acid* 3/257, 262–263, 272, 292, 338  
*Sodium Hydroxide* 1/81, 102

**X2CrNiMoN25-7-4**

*Hypochlorites* 3/60

**X2CrNiN18-10**

*Hypochlorites* 3/31, 42, 49  
*Phosphoric Acid* 3/221, 242

**X2CrNiN23-4**

*Hypochlorites* 3/61  
*Nitric Acid* 2/394  
*Sodium Hydroxide* 1/81

**X2CrNiSi18-15**

*Nitric Acid* 2/353, 359–360, 362

**X2CrTi12**

*Hypochlorites* 3/41, 51  
*Phosphoric Acid* 3/234, 236, 242

**X3CrMoNiTi27-3**

*Hypochlorites* 3/57

**X3CrNb17**

*Hypochlorites* 3/41, 51  
*Phosphoric Acid* 3/242

**X3CrNi18-10**

*Hydrochloric Acid* 2/88  
*Nitric Acid* 2/359

**X3CrNiMo17-13-3**

*Hypochlorites* 3/31

**X3CrNiMo18-12-3**

*Hypochlorites* 3/31

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**X3CrNiMo18-12-3**

*Hypochlorites* 3/42

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*Hypochlorites* 3/50

**X3CrNiMo18-12-3**

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**X3CrNiMo17-13-3**

*Hypochlorites* 3/83

**X3CrNiMo18-12-3**

*Phosphoric Acid* 3/190

**X3CrNiMo17-13-3**

*Phosphoric Acid* 3/221, 242, 251, 263, 266

**X3CrNiMo18-12-3**

*Phosphoric Acid* 3/277

**X3CrNiMo17-13-3**

*Phosphoric Acid* 3/287, 315–316

**X3CrNiMo18-12-3**

*Phosphoric Acid* 3/317, 319, 321, 327

**X3CrNiMo17-13-3**

*Phosphoric Acid* 3/337

**X3CrNiMo18-12-3**

*Phosphoric Acid* 3/372, 374

**X3CrNiMo13-4**

*Phosphoric Acid* 3/251

**X3CrNiMoN17-12-2**

*Hydrochloric Acid* 2/88

**X3CrNiMoN27-5-2**

*Hypochlorites* 3/31, 42, 50, 59, 62  
*Phosphoric Acid* 3/221, 242, 257, 262, 309, 312, 316–317, 319, 321

**X3CrNiMoTi25-25**

*Hypochlorites* 3/52  
*Phosphoric Acid* 3/246

**X3CrTi17**

*Hypochlorites* 3/41, 51  
*Mixed Acids* 1/409  
*Phosphoric Acid* 3/242

**X4CrMoNb**

*Hypochlorites* 3/57

**X4CrMoTi26-1**

*Hypochlorites* 3/57

**X4CrNi18-12**

*Hydrochloric Acid* 2/84  
*Hypochlorites* 3/41, 49  
*Phosphoric Acid* 3/241

**X4CrNiCuNb16-4**

*Hypochlorites* 3/41, 51

**X4CrNiMo17-12-2**

*Hydrochloric Acid* 2/88

**X5CrNi18-10**

*Hydrochloric Acid* 2/72, 80, 83–84, 87–88, 90, 110, 177  
*Hypochlorites* 3/31, 41, 49, 65  
*Mixed Acids* 1/262  
*Nitric Acid* 2/352–353, 368  
*Phosphoric Acid* 3/190, 221, 241, 278, 286, 309, 315, 318, 321

**X5CrNi18-9**

*Hypochlorites* 3/56

**X5CrNiCuNb16-4**

*Hypochlorites* 3/41, 51  
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**zinc**

Hydrochloric Acid 2/89, 159, 162–163

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Nitric Acid 2/450

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**zinc alloy**

Nitric Acid 2/450

**zinc brass**

Nitric Acid 2/450

**zinc layer**

Hydrochloric Acid 2/160

**Zircadyne®**

Sodium Hydroxide 1/206

**Zircadyne® 702**

Mixed Acids 1/349

**Zircadyne® zirconium**

Sodium Hydroxide 1/148

**Zircaloy® 2**

Hydrochloric Acid 2/168–169

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**Zircaloy® 4**

Nitric Acid 2/452–454

**zirconium**Hydrochloric Acid 2/147, 166, 177, 227,  
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**zirconium alloys**

Hydrochloric Acid 2/166

Hypochlorites 3/90

Mixed Acids 1/347, 414

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Phosphoric Acid 3/395

Sodium Hydroxide 1/148, 206

**zirconium carbide**

Nitric Acid 2/469

**zirconium grade 702**

Hydrochloric Acid 2/167

**zirconium grade 705**

Hydrochloric Acid 2/166

**zirconium (highly pure)**

Hydrochloric Acid 2/169

**zirconium-titanium alloys**

Nitric Acid 2/451

**Zn-Al alloys**

Hydrochloric Acid 2/160

**Zn/Al-eutectic**

Hydrochloric Acid 2/160

**Zr10MoTi**

Nitric Acid 2/451

**Zr-2.5Nb**

Nitric Acid 2/451, 455

**Zr-10Nb**

Nitric Acid 2/452

**Zr10NbTi**

Nitric Acid 2/451

**Zr-1.5Sn**

Nitric Acid 2/451

**Zr-5Ti-0.1Fe-0.3Cr-0.1Ni**

Nitric Acid 2/452

**Zr-5Ti-0.5Cr**

Nitric Acid 2/452

**Zr-5Ti-10Mo**

Nitric Acid 2/452

**Zr5Ti10Nb**

Nitric Acid 2/451

**Zr-5Ti-10Nb**

Nitric Acid 2/452

**Zr-7.5Ti-15Nb**

Nitric Acid 2/452

**Zr-10Ti**

Nitric Acid 2/452

**Zr-10Ti-5Nb**

Nitric Acid 2/452

**Zr-10Ti-7.5Nb**

Nitric Acid 2/452

**Zr-10Ti-15Nb**

Nitric Acid 2/452

**Zr-15Ti-5Nb**

Nitric Acid 2/452

**Zr-15Ti-7.5Nb**

Nitric Acid 2/452

**Zr-15Ti-15Nb**

Nitric Acid 2/452

**Zr-10Ti-5Ta-5Nb**

Nitric Acid 2/452

**Zr-10Ti-7.5Ta**

Nitric Acid 2/452

**Zr10Ti10Ta**

Nitric Acid 2/451

**Zr-10Ti-10Ta**

Nitric Acid 2/452

**Zr-702**

Mixed Acids 1/349

Nitric Acid 2/451, 453

**Zr-704**

Nitric Acid 2/451, 453

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