

Inorganic Acids mixtures of acids

solutions of acidic metallic salts

Collection in canisters
for transferring into
ASF640



This belongs here

Restricted

Does not belong here

Minera acids, (max. concentration < 40% in H₂O):

max. 25%

◆ HCl HClO₄ HPF₆ H₂SiF₆



max. 40%

◆ HNO₃ H₂SO₄ H₃PO₄



◆ Cr-H₂SO₄ used / s. Cr-VI NaHSO₄-Solution



Pay attention to threatening development of gases or precipitation!

- ▶ No metals or Devarda-Alloy (H₂↑, NO₂↑)
- ▶ No mixing of HCl with conc. HNO₃ (Cl₂↑)
- ▶ It is vital to avoid an Organic Phase!

Metallic salts max. 10 g/l (1%)

◆ Cr-VI (K₂CrO₄, K₂Cr₂O₇)

Metallic salts, Organometallic solutions (Hg, As, Se, Pd, Pt, Fe, Cu)

◆ max. 20 g/l (2%)

Metallic salts, Organometallic solutions (Ba, Be, Cd, Co, Cr-III, Cu, Fe, Mn, Pb, Sb, Sn, Zn)

◆ max. 50 g/l (5%)

Carbonacids / Alcohols / Aldehyds

watersoluble, max. 50 g/l bzw. 5%



▶ Ba-salts with SO₄²⁻ (BaSO₄↓)

◆ **Other hydrohalogen acids as HCl and halogens**
(HF, F₂, Br₂, HBr, Iod, HJ)

◆ **Oleum**

◆ **Chromic-sulfuric acid, fresh**

◆ **Aqua regia**

◆ **Solution of hypochlorids**

◆ **Cyanoferrates**

◆ **Corrosive basic compounds**
(LiOH, NaOH, KOH, NH₃-solution)

◆ **Hydrogen peroxid, Hydrazin, KMnO₄**

◆ **Decomposable compounds**
(Azides, Cyanids, Sulfids, Silanes)

◆ **Osmiumtetroxide**

◆ **Uranium- u. Thoriumsalts (radioaktiv)**

◆ Sludge content <10% ◆ Galvanicbaths only free of CN⁻ and NaOH- ◆ Solutions of Ag-Salts separately (Photochemistry)

++ The limits are strictly obliging ++ For any substances, solutions or mixtures not specified here, please contact the waste management representative (BfA) ++

Waste Management Representative (BfA)

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Waste collection centre

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AVV 06 01 06

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