

Halogen-organic solvents

Collection in canisters for transferring into ASF1000



👍 This belongs here

👉 Restricted 👈

Does not belong here 🙅

Halogen-free solvents

- ◆ Aldehydes
- ◆ Alcohols
- ◆ Esters
- ◆ Ethers
- ◆ Glycols, glycol ethers
- ◆ Ketone
- ◆ Hydrocarbons, aromatics
- ◆ Nitriles
- ◆ Amines, amides, N-Heterocyclic compounds
- ◆ Carboxylic-/Dicarboxylic acids, Carboxylic acid anhydrides
- ◆ Solvent-water mixtures

F (Flam. Liq.2/3)

T (+) (Acute Tox. 1/2/3)

C (Met.Corr. 1/SkinCorr.1)

N (Aquatic Acute 1)



Do not cause any precipitation or gas development!

▶ It is vital to avoid an AQUEOUS PHASE!

Halogen compounds / T, N (see left)

- ◆ HKW/CKW/FCKW
- ◆ Halogen <30% , Σ Brom/Iod < 0,5%
- ◆ Σ PCB/PCT max. 1 ppm

Silicone oils up to 10%

Sulphur organic compounds/ T, N (see left)

- ◆ <2% S

Diethyl ether & other solvents with the measurement F+ (Flam. Liq.1)



- ◆ max. 5%

Metal organic compounds with heavy metals (Fe, Hg, As, Pd, Pt, Cu etc.) For example from catalysts

- ◆ max. 1%

◆ Corrosive acidic inorgan. subst. / C, T, O (see left)

(HF, HCl, HBr, HI, H₂SO₄, HNO₃, HClO₄)



◆ Corrosive alkaline inorgan. subst. / C

(konz. LiOH-/NaOH-/KOH-/NH₃-Lös.)



◆ Oxidizing agents (H₂O₂, peroxides)



◆ Reducing agents (nitromethane, hydrazine)

◆ Decomposable substances (Acid halides, silanes, azides, cyanides, sulfides)

◆ Metals & inorg. Metal salts >1% / T+, T, N (s. left)

(Ag, As, Ba, Be, Cd, Co, Cr, Cu, Hg, Ni, Os, Pb, Se, Sn, Zn; U-/Th-Salts **(radioactive)**)

◆ Drying agents Na, Mg, Ca, CaH₂ (formation of H₂↑)

◆ Sludge content <10%

◆ pH-value 5-9 → Production of compounds and mixtures with pH-neutral value

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

Abfallbeauftragter

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