

The information and recommendations contained herein are believed to be accurate - however no guarantee or warranty expressed or implied is given

Section 1 Product identification and manufacture

Name: PC168 Immerse Tin

Order Code: PE34-0775 (90g)
PE34-0776 (450g)

Suppliers name, registered address and Tel no:

K&M (W/sale Suppliers) Ltd., TEL: 01142474733
Unit 24, Lion Park, Holbrook Ind Est,
New Street, Halfway, Sheffield,
S20 3GH, England.

Manufactures name, address and Tel no:

Kepets GMBH., TEL: (0049) 6445 5023/4
Nordstrasse 24
D-35641 schoffengrund
Germany

Section 2 Composition / information on ingredients

COMPONENT	%BY WT	CAS & EEC NOS.	HAZARD	R PHRASE NOS.
Thiourea	27	62-56-6	Xn	22-40
Stannous Chloride	15	200-543-5 7772-99-8 EEC: NCC		

Section 3 Hazards identification

Harmful. Hazardous to health if swallowed. Inorganic substance. Avoid entry into drainage system.

Section 4 First aid measures

Inhalation: Remove from exposure to fresh air.

Skin contact: Wash immediately with plenty of water.

Eye contact: Irrigate thoroughly with water. Seek medical advice.

Ingestion: Wash out mouth thoroughly with water and give water to drink.

Medical notes: N/A

Section 5 Fire fighting measures

Extinguishing media:

Water spray, foam, dry powder, CO2.

Combustion products:

SO2 released in case of fire.

Fire/explosion scenarios:

None required.

Special protective equipment for fire fighters:

Section 6 Accidental release measures

Personal protection:

Wear respiratory protection. Prevent skin and eye contact.

Environmental precautions:

Prevent entry into drainage system.

Workplace precautions:

Do not eat, drink or smoke.

Methods for clearing up:

Dry: Collect and put into suitable container for disposal.

Liquid: Absorb in sand or other inert material and put into suitable container for disposal.

Section 7 Handling and storage

Handling precautions:

Harmful if swallowed. Always wear suitable protective clothing. No local exhaust ventilation is required.

Storage including any special requirements (temperature, ventilation, etc):

Store only in suitable polyethylene containers ensuring they are tightly closed. Store at room temperature. Keep from freezing when mixed. No local exhaust ventilation required.

Section 8 Exposure control/personal protection

Engineering controls/ventilation:

No local exhaust ventilation required if used according to instructions.

Respiratory protection:

Protective mask required when mixing.

Eye protection:

Wear safety glasses.

Hand protection:

Wear rubber gloves.

Skin protection:

Always observe all usual precautions when handling chemicals. Do not eat, drink or smoke when handling.

Section 9 Physical and chemical properties

Appearance: powder (solid)

colour: White to light brown

Odour: weak of hydrogen sulphide.

Acidity/alkalinity ph: 1.5 at 20°C (90gr/ltr)
(h₂O)

Boiling point °C:

Melting point °C:

Flash point °C (open/closed cup):

Auto ignition temp °C:

Thermal decomposition temp °C:

Oxidising properties:

Explosive properties:

Explosive limits at at 25°C (% vol in air):

Lower:

Upper:

Relative density: 0.87g/cm³

Solid content %:

Solubility in water at 20°C: 100g/litre

Solubility in organic solvents: Water at 20°C 100g/litre
Water at 60°C 220glitre

Volatile content %:

Vapour pressure mmhg at 20°C

Relative vapour density (air = 1):

(of principle component and name):

Evaporation rate:
(n-butyl acetate = 1)

Conductivity:

Section 10 Stability and reactivity properties

Conditions to avoid:

Materials to avoid: Alkaline solutions.

Hazardous decomposition products: In case of fire SO₂.

Hazardous polymerisation - may/will/not occur - state condition to avoid: Will not occur.

Section 11 Toxicological information

Effect of eye contact: Irritating effect, no acute toxicity.

Effect of skin contact: Irritating effect, no acute toxicity.

Effect of inhalation: Irritating effect, no acute toxicity.

Effect of ingestion: Harmful effect.

Any known data on sensitisation carcinogenicity, mutagenicity, teratogenicity, or narcosis:
Thiourea is currently on the suspected carcinogen list. Irreversible effects are possible.

Section 12 Ecological information

No acute toxicity but avoid entry into drainage system/ground. Inorganic substance.

Section 13 Disposal considerations

Solutions and unused powders should be disposed of according to local government regulations via authorised waste disposal agencies. Treat as weak acid.

Section 14 Transport information

Un-nr: 2811 IATA class: 6.1 packing group: III

Section 15 Regulatory information

Product label details: Per chip regulation 9

Product trade name/designation: Immerse tin powder

Contains: Thiourea.

Hazard symbol: xn

Risk phrase nos & words: R22 Harmful if swallowed.
R40 Possible risk of irreversible effects.

Safety phrase nos & words:

S22 Do not breathe dust.

S41 In case of fire and/or explosion do not breathe fumes.

S24/25 Avoid contact with skin and eyes.

S36 Wear suitable protective clothing.

S26 In case of contact with eyes, rinse immediately and seek medical advice.

S28 After contact with skin, wash immediately with plenty of soap and water.

Section 16 Other information:

Recommended use: