

Weicon GmbH

Revision date: 28.12.2009

Revision no.:

1,00

Metal-Fluid

7619-0108

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Metal-Fluid

Further trade names

15580

Use of the substance/preparation

Aqueous preparation with additives.

Company/undertaking identification

Manufacturer

Weicon GmbH

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Internet: www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier

WEICON Inc.

20 Steckle Place, Unit 20

Kitchener, Ontario N2E 2C3

Telephone: 519 896 5252

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Emergency telephone number: 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

2. Hazards identification

Classification

Not classified as dangerous according to directive 1999/45/EEC

3. Composition/information on ingredients

Chemical characterization (Mixture)

Non-hazardous preparation.

Further Information

Although this product does not require a hazard warning label, we recommend that the safety advice should be observed.

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

After inhalation

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

In the event of symptoms refer for medical treatment.

After contact with skin

Take away immediately by mechanical means.

In case of contact with skin wash off with water.

Consult a doctor if skin irritation persists.

After contact with eyes

In case of contact with eyes rinse thoroughly with water.

If eye irritation persists, consult a specialist.

After ingestion

Seek medical advice immediately.

Do not induce vomiting.

If swallowed give water to drink.

5. Fire-fighting measures

Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Fire may produce:

Carbon monoxide and carbon dioxide.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

6. Accidental release measures

Personal precautions

Avoid contact with skin, eyes and clothing.

Ensure adequate ventilation.

Environmental precautions

Do not discharge into the drains or bodies of water.

Do not discharge into the subsoil/soil.

Methods for cleaning up/taking up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).

Shovel into suitable container for disposal.

Flush away residues with water.

Additional information

High risk of slipping due to leakage/spillage of product.

7. Handling and storage

Handling

Advice on safe handling

Ensure adequate ventilation.

Avoid contact with skin, eyes and clothing.

Keep container tightly closed.

Advice on protection against fire and explosion

No special measures required.

Pay attention to general rules of internal fire prevention.

Storage

Requirements for storage rooms and vessels

Keep containers tightly closed in a cool, well-ventilated place.

Protect from frost.

8. Exposure controls/personal protection

Exposure limit values

Additional advice on limit values

Ethanolamine: 3 ppm TWA; 6 ppm STEL, ACGIH

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Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Avoid contact with eyes and skin.

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Remove and wash contaminated clothes before re-use.

Respiratory protection

Not required under normal use.

Do not inhale aerosols

Hand protection

Protective gloves resistant to chemicals made off natural-rubber latex, Minimum coat thickness 0.6 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Lapren 706> made by www.kcl.de.

Eye protection

Safety goggles

Skin protection

Protective clothing

9. Physical and chemical properties**General information**

Physical state: Liquid
 Colour: White
 Odour: Hardly noticeable

Important health, safety and environmental information

pH-Value (at 20 °C):

Test method
 approx. 11.5 Watery extraction

Changes in the physical state

Melting point: 0 °C
 Boiling point: 95 °C
 Flash point: n.a.
 Density (at 20 °C): 0,92 g/ml g/cm³
 Water solubility: Miscible
 (at 20 °C)

Solvent content

VOC content: 0%

10. Stability and reactivity**Materials to avoid**

None under normal use.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information**Acute toxicity**

No toxicological data available.

Corrosive and irritant effects

Skin irritation = Non-irritant

Eye irritation = Low irritant - no labeling duty

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Frequent contact especially if dried out may cause skin and eye irritations.

Empirical data on effects on humans

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

12. Ecological information**Ecotoxicity**

Ecological data are not available.

Persistence and degradability

The product is readily biodegradable to OECD criteria.

Product is biodegradable. >90% Surfactant decree

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

Other adverse effects

Do not discharge product unmonitored into the environment.

Product is not allowed to discharge into the ground water or aquatic environment.

Further information

AOX: Product does not contain any organic bound halogens which could lead to AOX-values.

13. Disposal considerations**Advice on disposal**

Can be incinerated, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

It is not possible to give this product a waste code number according to the European waste catalogue because only the intended use of the user consents the assignment of a specific code number.

The waste code number must be agreed with the disposer / manufacturer / competent authority.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. Transport information**Canadian TDG****Proper shipping name**

Not regulated.

Land transport (ADR/RID)**Description of the goods**

No hazardous material as defined by the transport regulations.

Other applicable information

No hazardous material as defined by the transport regulations.

15. Regulatory information**Canadian regulations****DSL/NDSL inventory status**

All of the components are listed on the DSL Inventory.

WHMIS classification

WHMIS: Not regulated.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

16. Other information

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Other data

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)