

Weicon GmbH

Revision date: 28.12.2009

Revision no.:

1,00

Metal-Fluid

7619-0108

1. Product and Company Identification

Commercial product name

Metal-Fluid

Further trade names

15580

Chemical characterization (Mixture)

Non-hazardous preparation.

Company/undertaking identification

Manufacturer

Weicon GmbH

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D-48157 Münster

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Internet: www.weicon.de

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

2. Hazards Identification

Route(s) of Entry

Skin and eye contact, inhalation and ingestion.

Signs and Symptoms of Exposure

OSHA Hazard Communication: This material is not considered hazardous by the OSHA Hazard Communication Standard 29CFR 1910.1200.

Carcinogenicity (NTP): Not listed

Carcinogenicity (IARC): Not listed

Carcinogenicity (OSHA): Not listed

3. Composition/Information on Ingredients

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.

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5. Fire Fighting Measures

Suitable extinguishing media

Fire-extinguishing activities according to surrounding.

Special hazards arising from the chemical

Fire may produce:

Carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters

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

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.

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 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**Appearance**

Form:	Liquid
Color:	White
Odor:	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: (at 20 °C)	Miscible

Solvent content

VOC content: 0%

10. Stability and Reactivity**Stability**

Stable

Materials to avoid

None under normal use.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Possibility of Hazardous Reactions

Will not occur

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

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

Empirical data on effects on humans

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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

US DOT 49 CFR 172.101

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

U.S. Regulations

National Inventory TSCA

All of the components are listed on the TSCA inventory.

SARA

To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

State Regulations

This product contains max VOC: 0%

16. Other Information

Hazardous Materials Information Label (HMIS)

Health:

1

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Flammability: 0

Physical Hazard: 0

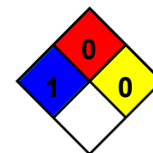
NFPA Hazard Ratings

Health: 1

Flammability: 0

Reactivity: 0

Unique Hazard:

**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.)