

Material safety data sheet according 1907/2006/EC, Annex II

Revision: 21.04.2008

Printing date: 04.03.2010

Page 1 / 4

| 1. Chemical product and company identification

Trade name: **Metaflux 75-04 Multi TS**

Use of the preparation: Separating Agent

Techno-Service GmbH

Detmolder Straße 515, D-33605 Bielefeld

Information department:

product security phone: phone: ++49 (0) 521 924440

e-mail: info@metaflux.de

Phone-no of supplier for emergency information: ++49 (0) 521 924440 (Mo – Th 8:00 – 16:30 hrs, Fr –14.00)

| 2. Possible risks

Preparation is classified as non-hazardous in the sense of directive 2001/60/EC

| 3. Composition/information on ingredients

Chemical characteristics:

Separating agent, oil-free.

Name	CAS-no.	weight %	Labelling
Fatty alcohol C12-C14	68891-38-3	<= 3 %	Xi, R36/38
Amine C12-C14 tert-alkyl ethoxylated, propoxylated	68603-58-7	<= 3%	Xn, Xi, R22, R36

4. First aid measures

In case of inhalation	: remove the casualty into fresh air and keep him immobile
In case of skin contact	: wash off with water and soap, cream.
After contact with eyes	: rinse eyes thoroughly with water, consult physician
After ingestion	: rinse out mouth with water and give plenty of water to drink Summon physician.

5. Fire-fighting measures

Suitable extinguishing media	:all extinguishing media possible
Extinguishing media that must not be used	:

6. Accidental release measures

Environmental precautions	: do not discharge into drains undiluted.
Cleaning/Take-up-processes	: take up with absorbent material, rinse residues with large quantities of water

Material safety data sheet according 1907/2006/EC, Annex II

Trade name: **Metaflux 75-04 Multi TS**

Page 2 / 4

7. Handling and storage

Handling:

Instructions for safe handling : keep containers tightly closed

Storage:

Requirements for storage rooms: protect against sub-zero temperatures

VCI storage class : 12

8. Exposure controls / personal protection

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the OES, MEL or MAK values, suitable breathing protection should be worn.

Ingredients with limiting values to be controlled : not indicated

Personal protective outfit:

Hand protection : wear protective gloves (EN 374) in case of longer lasting skin contact

Eye protection : wear suitable safety goggles in case of splash (EN 166)

General protection and

hygienic measures: : Wash hands before break and after work. Remove contaminated clothing. Pay attention to the generally hygiene in the workplace instruction.

Additional information on hand protection: No tests have been performed.

Selection made for preparations according to the best available knowledge and information on ingredients. In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use.

*

9. Physical and chemical properties:

Form : liquid

Colour : red

Odour : light smell

Safety relevant data:

Boiling point : 98°C

Melting point : 0°C

Flash point : n.a.

Ignition temperature : n.a.

Explosion hazard

lower explosion limit : n.a.

upper explosion limit : n.a.

Density : ~ 1,02 g/ml at 20°C

Solubility : soluble

pH value : ~ 10

Viscosity : n.a.

Material safety data sheet according 1907/2006/EC, Annex II

Trade name: **Metaflux 75-04 Multi TS**

Page 3 / 4

10. Stability and reactivity

Hazardous reactions	: No hazardous reactions known.
Hazardous decomposition products	: No hazardous decomposition products known.
Thermal decomposition	: Stable up to boiling point.

11. Toxicological information

Toxicological effects	: no data available
Sensitization	: no data available
Further information	: classification according to calculation procedure
Local effects	: Slight irritation of eyes and skin possible

12. Ecological information

Behaviour in sewage plants	: The product does not cause any disruptions of sewage plants. The surfactants in the product are > 90 % biodegradable. Contains no phosphates. According to the recipe, contains no AOX.
----------------------------	--

13. Disposal considerations

Advises	: Dispose of in compliance with federal, state and local environmental regulations. Take liquid to a sewage plant (consider pH-value).
EC disposal code no.	: 12 01 99 Wastes from shaping (including, forging, welding, pressing, drawing, turning, cutting and filling) (wastes not otherwise specified) (The waste code are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.) 15 01 02 Plastic packaging

14. Transport information

Land transport	: Dangerous goods regulations acc. to ADR/RID not applicable
Inland waterways transport	: Dangerous goods regulations acc. to ADB/ADNR not applicable
Sea transport	: Dangerous goods regulations acc. to IMDG/GGVSee not applicable
Aircraft transport	: Dangerous goods regulations acc. to ICAO/IATA not applicable

Material safety data sheet according 1907/2006/EC, Annex II

Trade name: **Metaflux 75-04 Multi TS**

Page 4 / 4

15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC-Directives (67/548/EEC and 2001/60/EC)
Labelling : The product does not require a hazardous warning label in accordance with EC-regulations and the relevant national laws.
Hazard symbols : n.a.

National regulations
Water hazard class : 1 (self-classification acc. to VwVwS)
(German only) i.e. slightly hazardous to water
VOC 1999/13/EC : 0 %

16. Other information

Wording of the R-phrases specified in chapter 3 (not the classification of the preparation)
R 22: Harmful if swallowed
R 36 Irritating to eyes
R 36/38: Irritating to eyes and skin

| changes compared with the previous edition

This information is based on our present state of knowledge. They describe our product in view of the requirements for safety. They do not assure of certain properties of the product. A legal relationship is not vested. Duplication without changes of the original version is allowed.