

Safety Data Sheet

According to Regulation (EC) No. 1907 /2006 /REACH)

Trade name: SilOil M90.055.03
No.: 6258,6259



Print date: 20.11.2013
Valid from: November 2013

Version: 05.12.2012 / 2.0.0

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

1.1 Identification of the substance/mixture

Product name: **SilOil M90.055.03**
No.: 6258, 6259
Chemical characterization: —
EC No: —
CAS No: —
REACH Registration No: —

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:
Thermofluid.

Uses advised against:
None known.

1.3 Identification of the company/supplier

Supplier:
Peter HUBER Kältemaschinenbau GmbH

Street:
Werner-von-Siemens-Str. 1

Postal code:
DE-77656 Offenburg

Contact for technical information

Technical Support
Tel.: +49 (0) 781 9603-244
Fax: +49 (0) 781 57211
Email: info@huber-online.com

1.4 Emergency telephone number

+49 (0) 2751/524-113
+49 (0) 179/6910027
+49 (0) 61 31 1924 0 (Giftinfo Mainz, 24 h German and English)
+49 (0) 761-19 240 (Vergiftungs-Informationszentrale Freiburg)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC
None.

2.2 Label elements

None.

2.3 Other hazards

No information available.

3. Composition/information on ingredients

3.1 Mixtures

Hazardous ingredients
None.

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4. First aid measures

4.1 Description of first aid measures

General information

Change contaminated, saturated clothing. When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

In case of skin contact

Wash immediately with: Water and soap.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Do not induce vomiting. Rinse mouth thoroughly with water.

Information to physician

Treatment

Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Alcohol resistant foam. Water spray jet.

Unsuitable extinguishing media

None.

5.2 Special hazards arising from the substance or mixture

Not known.

5.3 Advice for firefighters

None.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Light protective clothing.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

None.

6.4 Reference to other sections

None.

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7. Handling and storage

7.1 Precautions for safe handling

None.

7.2 Conditions for safe storage, including any incompatibilities

Hints on joint storage

Storage class (TRGS 510) : 10

Further information on storage conditions

Keep/Store only in original container.

7.3 Specific end use(s)

None.

8. Exposure controls/personal protection

8.1 Control parameters

None.

8.2 Exposure controls

Personal protection equipment

Eye / face protection

Eye glasses with side protection

Skin protection

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Respiratory protection

Usually no personal respirative protection necessary.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: Liquid.
Colour: Different according to colour.
Odour: Light.

Safety relevant basis data

Melting point / melting range: -84 °C
Boiling temperature / boiling range: ca. 229 °C
Flash point: ca. 88 °C ISO 2592
Vapour pressure: (20 °C) ca. 1,3 hPa
Density: (25 °C) ca. 0,873 g/cm³
Solubility in water: Insoluble.
Kinematic viscosity: (25 °C) ca. 2 mm²/s

9.2 Other information

No data available.

10. Stability and reactivity

10.1 Reactivity

No information available.

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10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

When using the recommended storage and handling conditions (see section 7)

11. Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter: LD50
Exposure route: Oral
Species: Rat
Effective dose: > 5000 mg/kg

Acute inhalation toxicity

Parameter: LC50
Exposure route: Inhalation
Species: Rat
Effective dose: > 5 mg/l
Exposure time: 1 h

12. Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Further ecological information

None.

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13. Disposal considerations

13.1 Waste treatment methods

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

14. Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according Self classification

Additional information

Substance/product listed in the following inventories

TSCA

15.2 Chemical safety assessment

No information available.

16. Other information

16.1 Indication of changes

07. Hints on joint storage - Storage class · 08. Occupational exposure limit values · 14. Transport hazard class(es) - Land transport (ADR/RID) · 14. Transport hazard class(es) - Sea transport (IMDG) · 14. Transport hazard class(es) - Air transport (ICAO-TI / IATA-DGR) · 15. Water hazard class (WGK)

16.2 Abbreviations and acronyms

Not known.

16.3 Key literature references and sources for data

None.

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

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Classification according to Regulation (EC) No. 1272/2008 [CLP]

None.

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

None.

16.6 Training advice

None.

16.7 Additional information

None.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.