



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Name of product

gleitmo Colour RD 01

1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

see Product information

1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor

FUCHS LUBRITECH GMBH
Werner-Heisenberg-Straße 1, D-67661 Kaiserslautern/Germany
Phone +49 (0) 6301 3206 - 0, Fax +49 (0) 6301 3206 - 940
E-Mail reach@fuchs-lubritech.de
Internet www.fuchs-lubritech.com

Advice

Product Safety Management
Phone +49 (0) 6301 3206 - 0
Fax +49 (0) 6301 3206 - 940
E-mail (competent person):
reach@fuchs-lubritech.de

US Distributor

Fuchs Lubricants Co.
17050 Lathrop Avenue
Harvey, IL 60426
708-333-8900
800-255-3924 (24 hr Emergency)

1.4. Emergency telephone number

Emergency advice

+49 (0)171 / 4632154
Phone 06301/3206-808
This number is only available at office times.

! SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to 67/548/EEC or 1999/45/EC

! Additional hints

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Additional information

! Remark

This mixture is not classified as hazardous according to Regulation (EC) 1272/2008

2.3. Other hazards

Information pertaining to special dangers for human and environment

none at appropriate handling and storage

SECTION 3: Composition/ information on ingredients

3.2. Mixtures

Description

Pigment in Water

Additional advice

No hazardous material resp. below level of consideration according to Directive 67/548 EWG

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off with soap and water.

In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

In case of ingestion

Rinse out mouth and give plenty of water to drink.

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

Treatment (Advice to doctor)

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam
Dry fire-extinguishing substance
Water spray jet

Unsuitable extinguishing media

no

5.2. Special hazards arising from the substance or mixture

In fires, hazardous combustion gases are formed:

Carbon monoxide (CO)
Carbon dioxide (CO₂)
cracking products of organic compounds

5.3. Advice for firefighters

Additional information

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Use personal protective clothing.

6.2. Environmental precautions

Collect contaminated water / firefighting water separately.
Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pump off larger quantity.
Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder).
After taking up the material dispose according to regulation.

6.4. Reference to other sections

No information available.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Care for suitable extraction / ventilation at processing machines.

General protective measures

Do not inhale vapours.
Avoid contact with eyes and skin

Hygiene measures

Follow general rules of industrial hygiene for safe handling of chemical products

Advice on protection against fire and explosion

No special measures necessary.



7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

No special measures required.

Advice on storage compatibility

Do not store together with food.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

Protect from frost.

Do not keep at temperatures below 0 °C.

Do not keep at temperatures above 60 °C.

Information on storage stability

Storage time: 24 months.

Storage group 12

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice

This product as such does not contain any relevant ingredients with to be observed limited values

8.2. Exposure controls

Respiratory protection

Not required at determined application

Hand protection

Wear gloves of PVC at prolonged or intensive skin contact

nitrile gloves

Gloves of chloropren

Eye protection

tightly fitting goggles, in case of splashing

Other protection measures

Usual working clothes for chemical industries

Appropriate engineering controls

Closed holders to avoid evaporation loss

Use only in well-ventilated places

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

dispersion

Colour

red

Odour

almost odourless

Odour threshold

not determined

Important health, safety and environmental information

| | Value | Temperature | at | Method | Remark |
|--|----------------|-------------|----|-----------|--------|
| pH value | 7 - 10 | 20 °C | | | |
| Boiling temperature / boiling range | not determined | | | | |
| Melting point / Freezing point | not determined | | | | |
| Flash point | > 100 °C | | | DIN 51758 | |
| Vapourisation rate | not determined | | | | |



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Printed
revision

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gleitmo Colour RD 01
A01-05901

| | Value | Temperature | at | Method | Remark |
|--|---------------------------|-------------|----|--------|----------|
| Flammable (solid) | not determined | | | | |
| Flammability (gas) | not determined | | | | |
| Ignition temperature | > 200 °C | | | | |
| Self ignition temperature | no | | | | |
| Lower explosion limit | not determined | | | | |
| Upper explosion limit | not determined | | | | |
| Vapour pressure | not determined | | | | |
| Relative density | 1,48 g/cm3 | 20 °C | | | |
| Vapour density | not determined | | | | |
| Solubility in water | | | | | miscible |
| Solubility/other | not determined | | | | |
| Partition coefficient n-octanol/water (log P O/W) | not determined | | | | |
| Decomposition temperature | not determined | | | | |
| Viscosity | not determined | | | | |
| Oxidising properties | no | | | | |
| Explosive properties | no | | | | |
| 9.2. Other information | No information available. | | | | |

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

Materials to avoid

No information available

10.6. Hazardous decomposition products

No hazardous decomposition products known.

Thermal decomposition

Remark No decomposition if used as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity/Irritability/Sensitization

| | Value/Validation | Species | Method | Remark |
|---------------------------|-----------------------------|------------|--------|--------|
| LD50 acute oral | > 2000 mg/kg | rat | | |
| Irritability skin | non-irritant | rabbit | | |
| Irritability eye | non-irritant | rabbit eye | | |
| Skin sensitization | No sensitizing effect known | | | |

Experiences made from practice

no harmful effects at appropriate handling and determined usage

Additional information

The product has not been tested. The information is derived from the properties of the individual components.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological effects

| Value | Species | Method | Validation |
|-------------|---------|--------|----------------|
| Fish | | | not determined |

12.2. Persistence and degradability

Biological

degradability

Information on biodegradation processes is available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

Behaviour in sewage plant

When low concentrations are discharged correctly into adapted biological sewage treatment plants, interference with the degradation activity of activated sludge is not likely. Product gets duly not into waste water before it is not treated according to the local regulations.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for the product

Waste disposal in accordance with the relevant regulations.

Recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Dispose one-trip container according to local authority prescriptions

Recommended cleansing agent

Water, surfactant if necessary

General information

Ultimately responsible for correct classification is the waste producer, as the EWC names different codes for different origins of same waste

SECTION 14: Transport information

| | ADR/RID | IMDG | IATA-DGR |
|---|---|------|----------|
| 14.1. UN number | - | - | - |
| 14.2. UN proper shipping name | - | - | - |
| 14.3. Transport hazard class(es) | - | - | - |
| 14.4. Packing group | - | - | - |
| 14.5. Environmental hazards | - | - | - |
| 14.6. Special precautions for user | No information available. | | |
| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | No information available. | | |
| Land and inland navigation transport ADR/RID | No dangerous goods as defined by these transport regulations. | | |
| Marine transport IMDG | No hazardous goods as defined by prescriptions | | |
| Air transport ICAO/IATA-DGR | No hazardous goods as defined by prescriptions | | |

! SECTION 15: Regulatory information

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

VOC standard

VOC content 0 %

National regulations

Water hazard class 1 Mixture-WGK according to VwVwS (GER)

15.2. Chemical Safety Assessment

No information available.

SECTION 16: Other information

Training advice

Use information in this MSDS

Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information given in this MSDS is based on the present state of knowledge and is intended to describe our products from the point of view of safety requirements only.

All the raw materials in this product are listed under HSNO (New Zealand) or are exempt from listing.

Substantial changes to the former version are marked by "!" on the left margin of the paper.

All the raw materials in this product are listed in TSCA.

All the raw materials in this product are listed in DSL.

All the raw materials in this product are listed in AICS.

All the raw materials in this product are listed in IECSC.

All the raw materials in this product are listed in ECL.

All the raw materials in this product are listed in ISHL.

Refer to product information paper.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.3

Sources of key data used

Material Safety Data Sheets of raw materials