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

1.1 Product identifier

015356

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

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1.3. Details of the supplier of the safety data sheet

Address of manufacturer / supplier

Stabilus GmbH
Wallersheimer Weg 100
D-56070 Koblenz
Tel. xx49/261/8900-0

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

Information giving division (application engineering):
(xx49/261/8900-469) Mr. Lellmann Dpt. SBIGM

1.4 Emergency enquiry / Emergency Number.:
24h-Hotline (xx49/6132/84463)
(GBK Gefahrgut Buero GmbH, Ingelheim)

Further Information
The following information refers to mineral oil.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
This mixture is not classified as dangerous according to Directive 1999/45/EC.

2.2. Label elements
Additional advice on labelling
The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

2.3. Other hazards
Frequent persistent contact with the skin may cause skin irritation.
Do not flush into surface water or sanitary sewer system.

SECTION 3: Composition/information on ingredients

3.1. Mixtures

Chemical Characterisation of the content

Chem. name	Hazard Symbol	H-Sets
Mineral oil	not applicable	not applicable
Nitrogen	not applicable	not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures
General information:
Prolonged contact with the skin can cause dehydration and irritation.

After inhalation:
Fresh air! - If complaints persist, consult doctor.

After skin contact:
Rinse with water and soap. Intensive skin care required.

After contact with the eyes:
Immediately rinse with plenty of water (15mins.) and consult doctor.

After swallowing:
Do not induce vomitting. Consult doctor.

Information for the doctor:

4.2. Most important symptoms and effects, both acute and delayed
No data available.

4.3. Indication of any immediate medical attention and special treatment needed
Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable fire-extinguishing media:
Fire-extinguishing devices to be adjusted to ambient fires.

Extinguishing media which must not be used for safety reasons
Full water jet.

5.2. Special hazards arising from the substance or mixture
Heating will cause pressure rise with risk of bursting.

Additional information
Cool containers at risk with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid skin contact.
Immediately exchange contaminated workclothes.

6.2. Environmental precautions
Avoid to get the mineral oil into the sewage system or surface water.

6.3. Methods and material for containment and cleaning up
Take up mineral oil with oil-binding material and dispose soaked material according to the regulations.

6.4. Reference to other sections
Information for disposal look up chapter 13.

SECTION 7: Handling and storage

7.1 Advice on safe handling
Precautions for safe handling
No special precautions required.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Protect from heat and direct solar radiation.

7.3. Specific end use(s)
No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
-

8.2. Exposure controls
Occupational exposure controls
Do not inhale gases/vapours/aerosols.

Protective and hygiene measures
Cloths contaminated with product should not be kept in trouser pockets.

Respiratory protection
Breathing apparatus in the event of aerosol or mist formation.

Hand protection
Glove material must be impermeable and resistant against product / substance / preparation. Gloves material should comply with breakthrough times, permeation rates, and degradation.
Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.
Eye protection
Protective goggles in the event of risk of splashes.

Skin protection:
only in case of prolonged skin contact.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form:	liquid	
Colour:	various	
Odour:	like mineral oil	
Changes in the physical state		**Test method**
Boiling point:	> 240 °C	
Flashpoint:	> 120 °C	ISO 2592
Vapour density at 20 °C:	max. 1mbar	
Density:	ca. 0,80 – 0,95 g/cm^3	
Solubility:	pract. unsoluble	
kin. Viscosity:	ca. 10 – 80 mm^2/s	

9.2. Other information
No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available.
10.2. Chemical stability
No data available.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
No data available.

10.5. Incompatible materials
No data available.

10.6. Hazardous decomposition products
No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity

LD50, oral rats:	> 2000 mg/kg
LD50, dermal rabbits:	> 3000 mg/kg

Specific effects in experiment on an animal
Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.
Further information
If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

SECTION 12: Ecological information

12.1. Toxicity
No data available.

12.2. Persistence and degradability
No data available.

12.3. Bioaccumulative potential
No data available.

12.4. Mobility in soil
No data available.

12.5. Results of PBT and vPvB assessment
No data available.

12.6. Other adverse effects
No data available.

Further information
Hazardous water pollutant.
Do not flush into surface water or sanitary sewer system.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Advice on disposal
pressurized devices must be deaerated before disposal.
Adhere to the waste disposal provisions in force!
Where possible recycling is preferred to disposal.
Can be incinerated, when in compliance with local regulations.

Waste disposal number of waste from residues/unused products
130110 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); waste hydraulic oils; mineral based non-chlorinated hydraulic oils
Classified as hazardous waste.

SECTION 14: Transport information

Landtransport (ADR/ RID)

Other applicable information (land transport)
UN 3164: Special provision:: 594 (Not dangerous according the ADR/RID.)

Marine transport

14.1 UN-Number: 3164
14.2 UN proper shipping name: ARTICLES, PRESSURIZED, PNEUMATIC (containing non-flammable gas)
14.3 Transport hazard class(es): 2.2
14.4 Packing group:
Hazard label: 2.2

Marine pollutant: -
LQ: 120 ml
EmS: F-C, S-V

Air Transport (ICAO/IATA)

According IATA-DGR (PI 208) Air-Transportation is not permitted.

14.5. Environmental hazards
Dangerous for the environment: no

14.6. Special precautions for user
No specific precautions required.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
The transport takes place only in approved and appropriate packaging.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU regulatory information
1999/13/EC (VOC): 0 %

National regulatory information
Water contaminating class (D): 2 - water contaminating

15.2. Chemical Safety Assessment
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes
Changes in chapter: 2, 3, 10, 12, 15

Further Information
Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation 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.)