

**SAFETY DATA SHEET**

Based on 91/155/EWG

printed at: 13.02.2012  
 last revision of: 14.01.2011  
 Datasheet Code: LOM\_ENDE01G  
 page 1 of 3

Trade name: **LIFT-O-MAT****1. Substance / preparation and firm name**

Name / Part-No. of the product:

**Liftomat**

Information on manufacturer / supplier

**Address of manufacturer / supplier**

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

**Information giving division** (application engineering):  
 (xx49/261/8900-359) Mr. F.Milles Dpt. DEME

**Emergency enquiry / Emergency Number.:**

24h-Hotline (xx49/6132/84463)

Recommendation: closest poisoning treatment centre,  
 Reference: Contact with mineral oil

**2. Composition / information on constituents**

Chemical Characterisation of the content

<u>Chem. name</u>	<u>Hazard Symbol</u>	<u>R-Sets</u>
Mineral oil	not applicable	not applicable
Nitrogen	not applicable	not applicable

The following information refers to mineral oil.

**3. Possible Hazards**Description of hazards:

Intensive, prolonged and repeated skin contact can lead to skin irritation.

Safety risks:

Avoid formation of oil mist.

Environmental hazards:

Do not allow to escape uncontrolled into the environment. Mineral oil is not completely biologically degradable.

**4. 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 vomiting. Consult doctor.

Information for the doctor:

Symptomatic treatment

**5. Fire-fighting measures**Suitable fire-extinguishing devices:

Fire-extinguishing devices to be adjusted to ambient fires.

For safety reasons unsuitable fire-extinguishing devices:

---

Special hazards due to the substance or combustion products:

Pressurized container; if affected by fire, cool it down with water spray.

Special safety equipment for fire-fighting:

Protection equipment to be adjusted to ambient fires.

**6. Measures if unintentionally released**Personal safety measures:

Avoid skin contact.

Immediately exchange contaminated workclothes.

Environmental protection measures:

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

Procedure for cleaning / Taking up:

Take up mineral oil with oil-binding material and dispose soaked material according to the regulations.

Additional information:

None

**7. Handling and storage**Handling: ---Storage: ---**8. Exposure limitation and personal protection equipment**Additional indications for the layout of technical equipment: NoneConstituents with workplace-related limit values to be monitored: Avoid creation of oil mist**Personal protection equipment:**Respiratory protection: only in case of oil mistEye protection: safety glasses at risk of splashingSkin protection: only in case of prolonged skin contact.Other: ---

**SAFETY DATA SHEET**

Based on 91/155/EWG

printed at: 13.02.2012  
 last revision of: 14.01.2011  
 Datasheet Code: LOM\_ENDE01G  
 page 2 of 3

Trade name: **LIFT-O-MAT****9. Physical and chemical characteristics**

(Mineral oil)

Form:	liquid
Colour:	various
Odour:	like mineral oil
Melting point:	not applicable
Boiling point:	> 240 °C
Density:	ca. 0,80 – 0,95 g/cm <sup>3</sup>
Bulk density:	not applicable
Vapour density at 20 °C:	max. 1mbar
Viscosity:	ca. 10 – 80 mm <sup>2</sup> /s
Solvent separation test:	not applicable
Solids content:	not applicable
Solubility:	pract. insoluble
pH-value:	not applicable
Flashpoint:	> 120 °C
Ignition temperature:	not applicable
Explosion limits in air:	no data available
Thermal decomposition:	no data available
Decomposition products:	no data available
Dangerous reactions with:	possible reaction with strong oxidizers

**10. Stability and Reactivity**Conditions to be avoided:

Mineral oil is stable if used as specified

Substances to be avoided:

Avoid contact with strong oxidizers

Hazardous decomposition products:

No hazardous decomposition products under normal conditions

Additional information:

In case of frequent skin contact take personal protective measures (gloves, protective and care cream, liquid soap).

**11. Toxicological information**

Toxicological information:

LD50, oral rats: &gt; 2000 mg/kg

LD50, dermal rabbits: &gt; 3000 mg/kg

**12. Ecological information:**Elimination details (persistence a. degradability): ---Behaviour in environmental compartments: ---Ecotoxic effect: ---Further information on ecology:

WGK 2 water-hazardous

**13. Disposal information**

Pressurized units have to be degassed before disposal (Observe Stabilus-Disposal instruction).

European Waste code: 160117 iron metalEuropean Waste code: 130110\* nonchlorinated hydraulic oil on mineral oil base

Uncleaned packages: not applicable

Observe local regulations

**14. Transport regulations:****Land transport (ADR/RID)** (road/rail, national and international)

Application of Special Provision 594 for UN3164. Therefore no dangerous goods in the sense of transport regulations for land traffic.

**Transport by Inland waterways (ADN/ADNR)**

UN-No.: 3164

Designation: Articles, pressurized, pneumatic, containing non-flammable gas or Articles, pressurized, hydraulic, containing non-flammable gas

Class: 2 Classification code: 6A

Packaging group: ---

Label: 2.2

Warning sign No.: 20

**Ocean going ship transport (IMDG)**

UN-No.: 3164

Designation: Articles, pressurized, pneumatic, containing non-flammable gas or Articles, pressurized, hydraulic, containing non-flammable gas

Class: 2.2 EmS: F-C, S-V

Packaging group: ---

Marine pollutant: ---

Label: 2.2

**Air Transport (ICAO/IATA)**

UN-No.: 3164

Designation: Articles, pressurized, pneumatic, containing non-flammable gas or Articles, pressurized, hydraulic, containing non-flammable gas

Class: 2.2

PG: ---

Pl: 208

Label: 2.2

**Postal Transport**

National general postal distribution not permitted

National/international airmail not permitted.

Observe national regulations

**15. Regulations**

**SAFETY DATA SHEET**

Based on 91/155/EWG

printed at: 13.02.2012  
last revision of: 14.01.2011  
Datasheet Code: LOM\_ENDE01G  
page 3 of 3

Trade name: **LIFT-O-MAT**

Certification according to EU guidelines:

No duty for identification

National regulations:

Classification accord.to VbF: No  
Tech. Instructions AIR (TA Luft): Annex E, Class 3  
Water balance law: WGK 2 water-hazardous  
Incident regulation: ---  
Employment restrictions: None

**16. Miscellaneous**

Constituents with work place related limit values to be monitored:

This product does not contain any constituents with work place related limit values to be monitored.

Observe national regulations.

Further information:

Regulations and usual precaution measures for the handling of mineral oil and pressurized containers shall be observed

Changes in this edition compared to last revision:

At 14, Land transport, the dangerous goods regulations have been eliminated, as special provision 594 is applicable.

There is no legal duty to provide the information in this data sheet (see section 15).

The information is provided voluntarily and with best of the knowledge available at the date of the revision.

It does not guarantee the retention of particular properties within the meaning of a legal obligation.