

EU-Safety Data Sheets relating 91/155/EEC number: 112-053

Home Nr.: 112-053 Revise at: 01.2010
Name of Cmrce. **Lubrofilm plus**
Version: 1.0 Class of: 01.2010
Product no.: **112-053-00, 112-054-00**
Code:

01. Identification of the Substance and of the Company

Product Definition

Name of Cmrce.: Lubrofilm plus
Product-Infos: Lubrofilm plus
Manufacturer: DENTAURUM GmbH & Co. KG
Turnstraße 31 D-75228 Ispringen

Information from

Emergency-Info: Chemie
07231-803-184/190

02. Composition/Information on Ingredients

Chemical Nature:
Solution of tenside in hexamethyldisiloxan

CAS: 107-46-0	EG:	UN: 1993	EINECS: 203-492-7
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Dangerous Contents:

CAS number/Description:	Concentration:	GS:	R Phrases:
107-46-0 Hexamethyldisiloxan		F	11-50/53
67-63-0 Isopropanol		F	11-36-67

03. Hazards Identification

- 11 Highly flammable.
- 50 Very toxic to aquatic organisms
- 53 May cause long-term adverse effects in the aquatic environment

04. First-Aid Measures

- First aid measures / general information
Change soaked clothing
- First aid measures / inhalation
Remove the casualty into fresh air and keep him calm.
- First aid measures / skin contact
In case of contact with skin wash off immediately with soap and water
- First aid measures / eye contact
In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
- First aid measures/ if swallowed
Do not induce vomiting.
Summon a doctor immediately.

05. Fire-fighting Measures

- Suitable extinguishing materials
foam
dry powder
carbon dioxide
sand
- Extinguishing media that must not be used for safety reasons
water

06. Accidental Release Measures

- Personal precautions
Keep away sources of ignition.
- Environmental precautions
Do not discharge into the drains/surface waters/groundwater
- methods for cleaning up/taking up
Take up with absorbent material.

07. Handling and Storage

- Advice on protection against fire and explosion
Keep away from sources of ignition
Do not smoke.
Vapours can form an explosive mixture with air.
Take precautionary measures against static discharges
- Further information on storage conditions
Keep container tightly closed
Do not keep at temperatures above 30°C.

08. Exposure Controls/Personal Protection

- Respiratory protection
Breathing apparatus in the event of aerosol or mist formation.
- Hand protection
Protective gloves
- Eye protection
goggles
- General protective measures
Do not inhale gases/vapours/aerosols.
- Hygiene measures
Clean skin thoroughly after work; apply skin cream.
Remove soiled or soaked clothing immediately.

Ingredients relating to Workplace-Limits to get supervised

CAS number/Description:	Concentration:	Typ:	Value:
67-63-0 Isopropanol	-	MAK	500,000 mg/m ³ 200,000 ml/m ³

09. Physical and chemical Properties

- Form
Liquid
- Colour
colourless
- Odour
characteristic
- pH-value / remark
neutral
- Changes in physical state 1, solid - liquid and others
Melting temperature: -68°C
- Changes in physical state 2, liquid - gaseous and others
Boiling temperature: 100°C
- Flash point / method
DIN 51755: -6°C
- Ignition temperature / method
DIN 51794: 340°C
- Lower explosion limit / remarks: 1 Vol%
- Upper explosion limit / remarks: 38 Vol%
- Vapour pressure at T1 / remarks: 44 hPa (20°C)
- Density / remarks: 0,76 g/cm³ (20°C)

10. Stability and Reactivity

- Hazardous reactions
Formation of explosive gas/air mixtures.

11. Toxicological Information

- Acute oral toxicity / LD50
LD50: >5000 mg/kg
- Acute oral toxicity / species
rat
- Acute dermal toxicity / LD50
LD50: >2000 mg/kg
- Acute dermal toxicity / species
rabbit
- Acute inhalational toxicity / LC50
LC50: ca. 106 mg / l / 4h
- Acute inhalational toxicity / species
rat
- Irritant effect on skin / validation
non-irritant
- Irritant effect on skin / species
rabbit
- Irritant effect on eyes / validation
non-irritant
- Irritant effect on eyes / species
rabbit eye
- Experiences made in practice
Inhalation causes headache/nausea.
Inhalation causes narcotic effect/intoxication.

12. Ecological Information

- Biological degradability / validation
Slightly biodegradable
- Fish toxicity / species
Oncorhynchus mykiss: 0,46 mg / l / 96h
- Daphnia toxicity / species
Daphnia magna: 0,3 mg / l / 21d
- General information / ecology
Do not allow to enter soil, waterways or waste water

13. Disposal Considerations

- Disposal / product
Please take to an incineration plant for special waste in compliance with the regulations of local authorities
Waste code no. (only EC): 140603
- Disposal / contaminated packaging
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse

14. Transport Information

- UN 1993
Land transport / lorry / international / remarks
1993 flammable liquid, n.o.s. contains hexamethyldisiloxane
- Land transport / rail / international / remarks
1993 flammable liquid, n.o.s. contains hexamethyldisiloxane
- Marine transport / remarks
Proper shipping name: Flammable Liquid, n.o.s. (hexamethyldisiloxane)
- Air transport / remarks
Proper shipping name: Flammable Liquid, n.o.s. (hexamethyldisiloxane)

	GGVS/E-Class/Digit:		AS-No.:	140603
1993	ADR/RID-Class/Digit:	3, II	Category:	
	ADNR-class:	3, II	EmS:	F-E, S-E
	IMDG/GGVSee-CI/Digit:	3, II	ICAO/IATA:	3
	MFAG:		PG:	II

15. Regulatory Information

- Labelling
The product is classified and labelled in accordance with EC directives/the relevant national laws.
Hazard symbols
- F Highly flammable
- N Dangerous for the environment
R phrases
- 11 Highly flammable.
- 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
S phrases
- 16 Keep away from sources of ignition --- No smoking.
- 23 Do not breathe gas/fumes/vapour/spray
(appropriate wording to be specified by the manufacturer).
- 33 Take precautionary measures against static discharges.
- 61 Avoid release to the environment. Refer to special instructions/safety data sheets before use
- 7/9 Keep container tightly closed and in a well-ventilated place.
- Water hazard class / remarks
water hazardous WGK 2



highly flammable



dangerous for the environment

16. Other Information

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the produkt.
