



Safety Data Sheet
Lubri Jet Drop

Safety Data Sheet dated 28/06/06, version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Trade name: Lubri Jet Drop
Trade code: 032030 (040727 Cattani code)
Company:
Magnolia srl - Via Natta 6/A - 43122 Parma – Italy
Tel. +39 0521 607604 – Fax +39 0521 399967
e-mail: info.magnolia@cattani.it

Emergency telephone number of the company and/or of an authorised advisory centre:
BIRMINGHAM HOSPITALS POISONS UNIT - **+44 8706006266**

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification or components for which existing exposition limits are known:
None.

3. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

4. FIRST AID MEASURES

Contact with skin:
Remove mechanically with a cloth or a piece of paper. Wash with plenty of water and soap.
Contact with eyes:
Wash immediately with plenty of water. In case the irritation is persisting, see a doctor.
Swallowing:
No particular measures are needed. In case of indisposition, seek a medical examination (show the label, if possible).
Inhalation:
No particular measures are needed. In case of indisposition, seek a medical examination.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers:
Nebulized water, dry powder, alcohol-resistant foam, carbonic anhydride, sand.
Extinguishers not to be used:
Atomized jet of water, jet of water.
Risks arising from combustion:
None.
Protective equipment:
Use an independent gas-proof device.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:
In case of leakage of the material, signal the slipping danger.
Environmental measures:
Do not let the product escape into water courses, into the drainage system and into the ground.
Limit leakages with suitable material (i.e. earth).
Cleaning methods:
Recover the product mechanically and dispose of it according to the rules.
In case of small leakages: recover with absorbent material, i.e. fossil meal, and dispose of the product according to the rules.
In case of big leakages, try to limit it and suck the product up into suitable containers by a pump.
In case some leaked quantity of product has remained on the floor, remove it using a cold detergent (i.e. water with tensides).

7. HANDLING AND STORAGE

General directions:
No particular measures are needed.
Handling:
Directions to handle the product safely: product leaks are very dangerous for slipping risk.
Directions regarding fire and explosion: comply with the general rules for fire prevention.
Storage:
Requirements regarding storage places and containers: none known.
Directions regarding common storage: not applicable.
Further directions regarding storage conditions: keep the containers sealed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Take general sanitary precautions for the use of chemicals. Do not eat nor drink while handling the product.

Respiratory protection:

Not needed.

Protection for hands:

Not needed.

Eye protection:

We recommend using goggles.

Limitation and control of the exposure in the environment:

Do not let the product escape into water courses and into the ground.

Exposure limits of the contained substances :

TLV values: not foreseen.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state/form:	liquid	
Colour:	colourless	
Odour:	odourless	
Melting point/range:	- 50/ - 35°C	
Flash point:	> + 300°C	
Ignition temperature:	+ 450°C approx.	(DIN 51794)
Vapour tension:	< 3 hPa at +20°C	
Vapour tension:	< 5 hPa at +50°C	
Density:	0,96 – 0,98 g/cm ³ at +25°C	(DIN 51757)
Solubility in water:	practically insoluble at +20°C	
Ph value:	7 approx.	
(Dynamic) viscosity:	334 – 367 mPa*s at +25°C	
Thermal decomposition:	Beginning of the decomposition from > + 250°C	

10. STABILITY AND REACTIVITY

General directions:

No dangerous reaction is known if the product is stocked and handled as per instructions.

Conditions to avoid:

None known.

Substances to avoid:

None known.

Dangers from decomposition:

None is known if the product is stocked and handled as per regulations. Checking shows that at temperatures higher than +150°C a small quantity of formaldehyde is liberated due to oxidative decomposition.

11. TOXICOLOGICAL INFORMATION

According to our state of knowledge at the above-specified date the product is physiologically tolerable. At our state of knowledge at the above-specified date it is not mutagenic, nor carcinogenic, nor teratogenic.

Toxicological information:

Acute toxicity (LD50/LC50 values which are relevant for classification):

Exposure	Value/values range	Species	Source
Oral	> 5000 mg/kg	Rat	Literature
Epidermic	> 2008 mg/kg	Rat (extreme test)	Test report

Primary irritating effect:

Exposure	Effect	Species/test system	Source
Skin	Not irritating	Rabbit	Test report
Eyes	Mildly irritating	Rabbit	Test report

Sensitization:

Exposure	Effect	Kind of test	Species	Source
Skin	Not sensitising	Magnusson-Kligmann	Guinea-pig	Test report

References for the mutagenic (cancerogenic) potential:

Test system	Effect	Source
Bacterial Reverse Mutation Test	Not mutagenic	Test report

Tests on man:
Test with plaster: the product is well tolerated from the skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity:
At our state of knowledge at the above-specified date the product is not toxic for aquatic life.
Reaction inside cleaning systems (bacterial toxicity: respiratory/reproductive inhibition): at our state of knowledge at the above-specified date the product has not negative effect inside cleaning systems.

Mobility:
The product forms a thin oily layer on the water surface. It is absorbed by particles in suspension. Separation per sedimentation.

Persistence and degradability:
Biodegradability / further directions:
Not biodegradable. The polydimethylsiloxanes are in part biodegradable per chemical-physical non biological processes (abiotic processes).

Bioaccumulation potential:
Further directions: improbable biological accumulation.
Other damaging effects:
-

Ecological further directions:
General directions: the product does not damage the environment, provided that is handled and used correctly.

13. DISPOSAL CONSIDERATIONS

Recommendation: eliminate per combustion in an incinerator for special waste.
Carry out the disposal according to the local/national regulations currently in force.

14. TRANSPORT INFORMATION

Not dangerous material in the meaning of transport regulations.

15. REGULATORY INFORMATION

Identification (EU)

R sentences	Name
R-	-

R sentences	Name
R-	-

National regulations: -

16. OTHER INFORMATION

These directions are meant only to describe the product/s safety requirements and they are based on our state of knowledge at the above-specified date. They constitute no guarantee of particular quality of the described product/s for the application of warranty according to the law. For the specifications of the supplied product, refer to the technical data sheet of the single products.

Further directions:
In the numerical indications the point stands for the decimal point.

n.a. = not applicable	n.s.= not subject
-----------------------	-------------------

This MSDS cancels and replaces any preceding release.

MAGNOLIA s.r.l. LABORATORY	PRODUCT DATA SHEET		ST-13 REV 1
			date 19/05/2006
	PAGE		1 of 2

Lubri-Jet Drop		
INTENDED USE	SILICONE LUBRICANT FOR SURGICAL INSTRUMENTS	
STANDARDS AND REGULATIONS APPLICABLE TO THE PRODUCT	ITALIAN LOW 690 25/10/78	
CHEMICAL COMPOSITION	100% Polydimethylsyloxane	
CHEMICAL-PHYSICAL CHARACTERISTICS	PH (as it is)	7 approx.
	DENSITY AT + 20°C (g/cm ³)	0,97 ± 0.01
	ASPECT AND COLOUR	THICK COLOURLESS LIQUID
	ODOUR	odourless
	FLASH POINT	> + 300°C
	VISCOSITY AT + 25°C	334 – 367 mPa*s
	SOLUBILITY IN WATER	insoluble
PERFORMANCES - INSTRUCTION FOR USE	DISPENSE ONE DROP BY MEANS OF THE NOZZLE ONTO THE SURFACES REQUIRING LUBRICATION. WIPE OFF ANY EXCESS WITH A CLEAN DRY CLOTH BEFORE STERILIZATION.	
SHELF LIFE	NO EXPIRY DATE (IN ORIGINAL CONTAINER)	
STORAGE CONDITIONS	AVOID DIRECT SUNLIGHT; KEEP AT TEMPERATURE < 30°C	
FLAMMABILITY	> 300°C	
DANGER WARNING	//	
DANGER LABELLING	//	
BIODEGRADABILITY OF COMPONENTS	SILICONE IS NOT "EASILY BIODEGRADABLE"	
UNIT CONTAINER	Pack characteristics	PE 30 ML PHIAL
	Dimensions (mm)	26 X 26 X 118H
	Weight (empty phial) (g)	12,80 (with drop dispenser)
	Weight (content+phial) (g)	29,1+ 12,80 = 41,9
	Label (g)	0,5
MULTI-UNIT CONTAINER	Pack characteristics	CORRUGATED QUADRICOLOUR PRINTED CARTON
	Dimensions (carton) (mm)	61 X 61 X 120H
	Content	NO.4 30 ML PHIALS + NO.1 PACKAGE LEAFLET
	Total weight (g)	17 + (42,4 X 4)+ 1= 187,6

MAGNOLIA s.r.l. LABORATORY	PRODUCT DATA SHEET	ST-13 REV 1	
		date	19/05/2006
		PAGE	2 of 2

ATTACHMENT A

Label for 30 ML. phial
LUBRI - JET DROP

