



Release date: 01/30/2014

Safety Data Sheet

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1	SECTION 1	Identification of the substance	
1.1	Product	Ultrathermoil VG 150	
1.2	Relevant uses	Lubricants, greases, release products.	
1.3	Manufacturer/Supplier	Lubricant Consult GmbH Gutenbergstraße 13 63477 Maintal GERMANY	Tel: +49 6109 7650-0 Fax: +49 6109 7650-51 LUBCON Turmo Lubrication, Inc. 5460 33 rd Street SE Grand Rapids, MI 49512 USA Tel: +1 616 575 6034 Fax: +1 616 575 6062
1.4	Emergency	Tel: +1 616-635-1375	
2	SECTION 2	Hazards identification	
2.1	Classification of substance	Classification according to Directive 67/548/EEC or 1999/45/EC: None Classification according to Regulation (EC) No. 1272/2008 [CLP]: None	
2.2	Label elements	None	
2.3	Other hazards	None	
3	SECTION 3	Composition	
3.1	Mixtures	Hazardous ingredients: None (non-hazardous, disclosure not required) Further ingredients: PFPE oil (Perfluoropolyethers)	
4	SECTION 4	First aid measures	
4.1	First aid measures	General: When in doubt or if symptoms are observed, get medical advice. Inhalation: Take the casualty into the fresh air and keep warm. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician. Skin contact: Remove contaminated, saturated clothing immediately. Wash away with soap and water and rinse. In case of skin irritation, consult a physician. Eye contact: Remove contact lenses, keep eyelids open. Flush with plenty of water. In case of eye irritation consult an ophthalmologist. Ingestion: Rinse mouth thoroughly with water. When in doubt or if symptoms are observed, get medical advice.	
4.2	Symptoms and effects	No information available.	
4.3	Indication medical attention	None	
5	SECTION 5	Firefighting measures	
		The product itself does not burn. Reactions with combustible materials possible.	
5.1	Extinguishing media	Suitable extinguishing media: Dry extinguishing powder. Carbon dioxide (CO ₂). ABC-powder BC-powder. Foam. Dry sand. Unsuitable extinguishing media: Water. Strong water jet. High power water jet.	
5.2	Special hazards from substance	Hazardous combustion products: Gases/vapors, corrosive. T+ - Very toxic. Pyrolysis products, toxic, containing fluorine. Hydrogen fluoride.	
5.3	Advice for fire fighters	Use suitable breathing apparatus. In case of fire: Wear self-contained breathing apparatus.	
5.4	Additional information	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.	
6	SECTION 6	Accidental release measures	
		Special danger of slipping by leaking/spilling product. Keep away from sources of ignition. - No smoking.	
6.1	Personal precautions	None	
6.2	Environmental precautions	Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Ensure waste is collected and contained. Make sure spills can be contained, e.g. in sump pallets or kerbed areas.	
6.3	Containment and cleaning	Take up mechanically, placing in appropriate containers for disposal. Soak up inert absorbent and dispose as waste requiring special attention. Suitable material for taking up: Universal binder Kieselguhr.	
6.4	Reference to other sections	None	

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5460 33rd Street SE ▪ Grand Rapids, MI 49512 ▪ USA ▪ Tel: 616-575-6034 ▪ Fax: 616-575-6062
Toll Free: US & CAN 877-887-6658 ▪ Email: inquiry@lubconusa.com ▪ Internet: www.lubconusa.com

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7	SECTION 7	Handling and storage
7.1	Precautions for safe handling	It is recommended to design all work processes always so that the following is excluded: Generation/formation of mist. Avoid: Inhalation of vapors or spray/mists. Skin contact. Eye contact.
7.2	Conditions for safe storage	Storage class: 12 Storage class (TRGS 510): 12 Keep away from: Food and feeding stuffs Further information on storage conditions: Keep/Store only in original container. Keep container tightly closed. Protect against. Dust deposits.
7.3	Specific use	None
8	SECTION 8	Exposure controls/personal protection
		Keep away from food, drink and animal feeding stuff. Wash hands before breaks and after work. Separate storage of work clothes. Take the precautions customary when handling chemicals.
8.1	Control parameters	None
8.2	Exposure controls	Eye/face protection: Avoid eye contact. Eye protection: Not applicable. Recommended eye protection articles: DIN EN 166 Skin protection: Hand protection is not required. By long-term hand contact: Wear suitable gloves. Suitable material: NBR (Nitrile rubber). Butyl caoutchouc (butyl rubber). Recommended glove articles: DIN EN 374 ; DIN EN 420 Respiratory protection: No special measures are necessary. Avoid: Inhalation of vapors or spray/mists.
9	SECTION 9	Physical and chemical properties
9.1	Physical and chemical properties	Color: colorless Physical state: liquid Boiling point at 1013 hPa: > 300 °C (572 °F) Decomposition at 1013 hPa: > 290 °C (554 °F) Flash point at 1013 hPa: none Vapor pressure at 50 °C (122 °F): = 0.01 hPa Density at 20 °C (68 °F): = 1.85 g/cm ³ Viscosity 40 °C (104 °F): = 160 mm ² /s Viscosity 100 °C (212 °F): = 50 mm ² /s
9.2	Other information	None
10	SECTION 10	Stability and reactivity
10.1	Reactivity	No information available.
10.2	Chemical stability	The product is stable.
10.3	Hazardous reactions	Alkali metals, Alkaline earth metal. Metal powder
10.4	Conditions to avoid	No information available.
10.5	Incompatible materials	No information available.
10.6	Hazardous decomposition	Carbon monoxide. Carbon dioxide (CO ₂). Pyrolysis products, toxic, containing fluorine. Hydrogen fluoride.
11	SECTION 11	Toxicological information
		This product is unlikely to harm health, given normal and proper handling and hygienic precautions.
11.1	Toxicological effects	By analogy; Acute oral toxicity: Parameter : max. tolerant dose Exposure route : Oral Species : Rat Effective dose : > 25 000 mg/kg Acute inhalation toxicity Parameter: max. tolerant dose Exposure route: Inhalation Species: Rat Effective dose: > 2 000 mg/kg Exposure time: 4 h
12	SECTION 12	Ecological information
		Do not allow uncontrolled discharge of product into the environment.
12.1	Toxicity	No information available.
12.2	Persistence and degradabi.	The product is difficult to biologically degrade.
12.3	Bio-accumulative potential	No information available.
12.4	Mobility in soil	No information available.

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12.5	PBT and vPvB assessment	No information available.
12.6	Other effects	No information available.
12.7	Ecological information	None
12.8	Overall evaluation	In accordance with the required stability the product is poorly biodegradable.
13	SECTION 13	Disposal considerations
		Dispose according to legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.
13.1	Waste treatment	Send to a hazardous waste incinerator facility under observation of official regulations. Collect the waste separately. Evidence for disposal must be provided.
14	SECTION 14	Transport information
14.1	UN number	No dangerous goods in sense of this transport regulation.
14.2	UN shipping name	No dangerous goods in sense of this transport regulation.
14.3	Transport hazard class/es	No dangerous goods in sense of this transport regulation.
14.4	Packing group	No dangerous goods in sense of this transport regulation.
14.5	Environmental hazards	No dangerous goods in sense of this transport regulation.
14.6	Special precautions	None
15	SECTION 15	Regulatory information
15.1	Safety, health and environmental regulations	National regulations Water hazard class (WGK): 1 (Slightly hazardous to water) Classification according to VwVwS
15.2	Chemical safety	No information available.
16	SECTION 16	Other information
16.1	Indication of changes	None
16.2	Abbreviations/acronyms	None
16.3	Key literature references	None
16.4	R-, H- and EUH-phrases	None
16.5	Training advice	None
16.6	Additional information	None

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