



Safety Data Sheet

LOCTITE LB 8150 SV A/S known as Silver Grade Anti-Seize Lubric

Page 1 of 14

SDS No. : 153549

V002.4

Revision: 16.10.2020

printing date: 23.02.2022

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE LB 8150 SV A/S known as Silver Grade Anti-Seize Lubric

Other means of identification: LOCTITE LB 8150 SV A/S BOILBEN

Product code: IDH235005

Recommended use of the chemical and restrictions on use

Intended use: Antiseize

Identification of manufacturer, importer or distributor

Importer: Henkel (M alaysia) Sdn Bhd

Unit 2.01, 2.02, Level 2, M ER CU 3, Jalan Bangsar, KL Eco City, 59200 Kuala Lumpur, M alaysia.

Phone :+ 603 22461000 Fax : + 60322461188

E-mail address of person responsible for S afety Data Sheet: ap -ua-psra.sea@henkel.com

Emergency information: FOR EM ERGENCIES ONLY (Spill, major leak, Fire, Exposure, or Accident). Call CHEM TREC: +1 703-741-5970

Section 2. Hazards identification

GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Aspiration hazard	Category 1

GHS label elements:

Hazard pictogram:



S ignal word:

Danger

LOCTITE LB 8150 SV A/S known as Silver Grade Anti-Seize Lubric

Hazard statement:	H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H318 Causes serious eye damage.
Precaution:	
Prevention:	P264 Wash hands thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response:	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P331 Do NOT induce vomiting. P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.
Disposal:	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section 3. Composition / information on ingredients

Substance or Mixture:
Mixture

Declaration of hazardous chemical:

Hazard component CAS-No.	Content	GHS Classification
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	30- 60 %	
Graphite 7782-42-5	10- 30 %	
Calcium oxide 1305-78-8	10- 30 %	Skin corrosion/irritation 2; Dermal H315 Serious eye damage/eye irritation 1 H318 Specific target organ toxicity - single exposure 3; Inhalation H335
Distillates (petroleum), hydrotreated light naphthenic <3% DMSO 64742-53-6	10- 30 %	Aspiration hazard 1 H304
White mineral oil (petroleum) (not cmr) 8042-47-5	1- 10 %	Aspiration hazard 1 H304
Aluminum not powder, dust or fume 7429-90-5	1- 10 %	Flammable solids 1 H228 Pyrophoric solids 1 H250 Substances and mixtures, which on contact with water, emit flammable gases 2 H261
Quartz (SiO ₂) respirable particulates (RCS) >=10% 14808-60-7	0.1- 1 %	Specific target organ toxicity - repeated exposure 1 H372

Section 4. First aid measures

Inhalation: Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:	Rinse with running water and soap . Seek medical advice.
Eye contact:	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary .
Ingestion:	Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. Seek medical advice.
Indication of immediate medical attention and special treatment needed:	See section: Description of first aid measures

Section 5. Fire fighting measures

Suitable extinguishing media:	Carbon dioxide, foam, powder
Specific hazards arising from the chemical:	In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO ₂) can be released.
Special protection equipment and precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray .
Hazardous combustion products:	Oxides of carbon.

Section 6. Accidental release measures

Personal precautions:	Avoid skin and eye contact. Ensure adequate ventilation. Wear protective equipment. See advice in section 8
Environmental precautions:	Do not empty into drains / surface water / ground water.
Clean-up methods:	For small spills wipe up with paper towel and place in container for disposal. For large spills absorb onto inert absorbent material and place in sealed container for disposal. Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

Handling:	Use only in well-ventilated areas. Avoid skin and eye contact. See advice in section 8
Storage:	Store in a cool, well-ventilated place. Keep away from heat and direct sunlight. Refer to Technical Data Sheet

Section 8. Exposure controls / personal protection

Components with specific control parameters for workplace:

MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION 64742-52-5	Value type	Time Weighted Average (TWA):
	mg/m³	5
	Remarks	ACGIH
OIL MIST , MINERAL 64742-52-5	Value type	Time Weighted Average (TWA):
	mg/m³	5
	Remarks	MY OEL
GRAPHIT E (ALL FORMS EXCEPT GRAPHIT E FIBERS), RESPIRABLE FRACT ION 7782-42-5	Value type	Time Weighted Average (TWA):
	mg/m³	2
	Remarks	ACGIH
GRAPHIT E (ALL FORMS EXCEPT GRAPHIT E FIBRES), RESPIRABLE FRACT ION 7782-42-5	Value type	Time Weighted Average (TWA):
	mg/m³	2
	Remarks	MY OEL
CALCIUM OXIDE 1305-78-8	Value type	Time Weighted Average (TWA):
	mg/m³	2
	Remarks	ACGIH
CALCIUM OXIDE 1305-78-8	Value type	Time Weighted Average (TWA):
	mg/m³	2
	Remarks	MY OEL
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION 64742-53-6	Value type	Time Weighted Average (TWA):
	mg/m³	5
	Remarks	ACGIH
OIL MIST , MINERAL 64742-53-6	Value type	Time Weighted Average (TWA):
	mg/m³	5
	Remarks	MY OEL
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION 64742-52-5	Value type	Time Weighted Average (TWA):
	mg/m³	5
	Remarks	ACGIH
OIL MIST , MINERAL 64742-52-5	Value type	Time Weighted Average (TWA):
	mg/m³	5
	Remarks	MY OEL
GRAPHIT E (ALL FORMS EXCEPT GRAPHIT E FIBERS), RESPIRABLE FRACT ION 7782-42-5	Value type	Time Weighted Average (TWA):
	mg/m³	2
	Remarks	ACGIH
GRAPHIT E (ALL FORMS EXCEPT GRAPHIT E FIBRES), RESPIRABLE FRACT ION 7782-42-5	Value type	Time Weighted Average (TWA):
	mg/m³	2
	Remarks	MY OEL
CALCIUM OXIDE	Value type	Time Weighted Average (TWA):

LOCTITE LB 8150 SV A/S known as Silver Grade Anti-
Seize Lubric

1305-78-8	mg/m ³	2
	Remarks	ACGIH
CALCIUM OXIDE 1305-78-8	Value type	Time Weighted Average (TWA):
	mg/m ³	2
	Remarks	MY OEL
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION 64742-53-6	Value type	Time Weighted Average (TWA):
	mg/m ³	5
	Remarks	ACGIH
OIL MIST , MINERAL 64742-53-6	Value type	Time Weighted Average (TWA):
	mg/m ³	5
	Remarks	MY OEL
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION 8042-47-5	Value type	Time Weighted Average (TWA):
	mg/m ³	5
	Remarks	ACGIH
OIL MIST , MINERAL 8042-47-5	Value type	Time Weighted Average (TWA):
	mg/m ³	5
	Remarks	MY OEL
ALUMINUM METAL AND INSOLUBLE COMPOUNDS, RESPIRABLE FRACTION 7429-90-5	Value type	Time Weighted Average (TWA):
	mg/m ³	1
	Remarks	ACGIH
SILICA, CRYST ALLINE-A-QUARTZ, RESPIRABLE FRACT ION 14808-60-7	Value type	Time Weighted Average (TWA):
	mg/m ³	0.025
	Remarks	ACGIH
SILICA - CRYST ALLINE, QUARTZ, RESPIRABLE FRACT ION 14808-60-7	Value type	Time Weighted Average (TWA):
	mg/m ³	0.1
	Remarks	MY OEL

Respiratory protection: Ensure adequate ventilation.
An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area
Filter type: A (EN 14387)

Hand protection: Chemical-resistant protective gloves (EN 374).
Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection: Wear protective glasses.
Protective eye equipment should conform to EN166.

Body protection: Wear suitable protective clothing.

	Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.
Engineering controls:	Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.
Hygienic measures:	Take off contaminated clothing and wash before reuse. Do not eat, drink or smoke while working. Wash hands before work breaks and after finishing work.

Section 9. Physical and chemical properties

Appearance:	silver paste
Odor:	mild
Odor threshold (CA):	No data available.
pH:	Not applicable
Melting point / freezing point:	No data available.
Specific gravity:	1.25
Boiling point:	No data available.
Flash point:	> 93 °C (> 199.4 °F)
Evaporation rate:	No data available. No
Flammability (solid, gas):	data available. No
Lower explosive limit:	data available. No
Upper explosive limit:	data available.
Vapor pressure:	< 5 mm hg
Vapor density:	Heavier than air
Density:	1.25 g/cm ³
Solubility:	Insoluble
Partition coefficient: n-octanol/water: Auto	No data available.
ignition:	No data available.
Decomposition temperature:	No data available.
Viscosity:	121,000 - 258,000 mPa.s
(; Instrument: RVT; speed of rotation: 5.0 min ⁻¹ ; Spindle No: TD; Method: ;; LCT STM 10; Viscosity Brookfield)	
VOC content: (2010/75/EC)	< 3 %

Section 10. Stability and reactivity

Reactivity/Incompatible materials:	Reacts with strong oxidants.
Chemical stability:	Stable under recommended storage conditions.
Conditions to avoid:	Stable
Hazardous decomposition products:	Irritating organic vapours. carbon oxides.

Section 11. Toxicological information

Symptoms of Overexposure: After eye contact: Corrosive, may cause permanent damage to eyes (impairment of vision).
SKIN: Redness, inflammation.

Acute oral toxicity:

Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
Graphite 7782-42-5	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 423 (Acute Oral toxicity)
Calcium oxide 1305-78-8	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 425 (Acute Oral Toxicity: Up -and-Down Procedure)
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO 64742-53-6	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
White mineral oil (petroleum) (not cmr) 8042-47-5	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
Aluminum not powder, dust or fume 7429-90-5	Value type	LD50
	Value	> 15,900 mg/kg
	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)
Quartz (SiO ₂) respirable particulates (RCS) >=10% 14808-60-7	Value type	LD50
	Value	> 22,500 mg/kg
	Species	rat
	Method	not specified

Acute inhalative toxicity:

Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	Value type	LC50
	Value	> 5.53 mg/l
	Exposure time	4 h
	Species	rat
	Method	OECD Guideline 403 (Acute Inhalation Toxicity)
Calcium oxide 1305-78-8	Value type	LC50
	Value	> 6.04 mg/l
	Exposure time	4 h
	Species	rat
	Method	OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class (AT C) Method)
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO 64742-53-6	Value type	LC50
	Value	> 5.53 mg/l
	Exposure time	4 h
	Species	rat
	Method	OECD Guideline 403 (Acute Inhalation Toxicity)
White mineral oil (petroleum) (not cmr) 8042-47-5	Value type	LC50
	Value	> 5 mg/l
	Exposure time	4 h
	Species	rat
	Method	OECD Guideline 403 (Acute Inhalation Toxicity)

Acute dermal toxicity:

Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rabbit
	Method	OECD Guideline 402 (Acute Dermal Toxicity)
Calcium oxide 1305-78-8	Value type	LD50
	Value	> 2,500 mg/kg
	Species	rabbit
	Method	OECD Guideline 402 (Acute Dermal Toxicity)
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO 64742-53-6	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rabbit
	Method	OECD Guideline 402 (Acute Dermal Toxicity)
White mineral oil (petroleum) (not cmr) 8042-47-5	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rabbit
	Method	OECD Guideline 402 (Acute Dermal Toxicity)
Quartz (SiO ₂) respirable particulates (RCS) >=10% 14808-60-7	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	not specified

S kin corrosion/irritation:

Graphite 7782-42-5	Result	not irritating
	Exposure time	4 h
	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
White mineral oil (petroleum) (not cmr) 8042-47-5	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

Serious eye damage/irritation:

Graphite 7782-42-5	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Calcium oxide 1305-78-8	Result	Category 1 (irreversible effects on the eye)
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
White mineral oil (petroleum) (not cmr) 8042-47-5	Result	not irritating
	Exposure time	
	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

Respiratory or skin sensitization:

Graphite 7782-42-5	Result	not sensitising
	Test type	Mouse local lymphnode assay (LLNA)
	Species	mouse
	Method	equivalent or similar to OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Calcium oxide 1305-78-8	Result	not sensitising
	Test type	Mouse local lymphnode assay (LLNA)
	Species	mouse
	Method	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
White mineral oil (petroleum) (not cmr) 8042-47-5	Result	not sensitising
	Test type	Buehler test
	Species	guinea pig
	Method	OECD Guideline 406 (Skin Sensitisation)

Germ cell mutagenicity:

Graphite 7782-42-5	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Graphite 7782-42-5	Result	negative
	Type of study / Route of administration	in vitro mammalian chromosome aberration test
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Graphite 7782-42-5	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Calcium oxide 1305-78-8	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO 64742-53-6	Result	negative
	Type of study / Route of administration	in vitro mammalian chromosome aberration test
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
White mineral oil (petroleum) (not cmr) 8042-47-5	Result	negative
	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
White mineral oil (petroleum) (not cmr) 8042-47-5	Result	negative
	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
White mineral oil (petroleum) (not cmr) 8042-47-5	Result	negative
	Type of study / Route of administration	intraperitoneal
	Metabolic activation / Exposure time	
	Species	mouse
	Method	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Repeated dose toxicity:

Graphite 7782-42-5	Result	NOAEL=ca. 813 mg/kg
	Route of application	oral: feed
	Exposure time / Frequency of treatment	daily
	Species	rat
	Method	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Calcium oxide 1305-78-8	Result	NOAEL=1,000 mg/kg
	Route of application	oral: gavage
	Exposure time / Frequency of treatment	up to 48 consecutive days/daily
	Species	rat
	Method	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
White mineral oil (petroleum) (not cmr) 8042-47-5	Result	NOAEL>= 1,600 mg/kg
	Route of application	oral: feed
	Exposure time / Frequency of treatment	90 ddaily
	Species	rat
	Method	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Section 12. Ecological information

General ecological information:

Do not empty into drains / surface water / ground water.

Toxicity:

Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	Value type	LC50
	Value	> 1,000 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Oncorhynchus mykiss
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	Value type	EC50
	Value	> 1,000 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	Value type	NOELR
	Value	100 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Pseudokirchneriella subcapitata
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
Graphite 7782-42-5	Value type	LC50
	Value	> 10,000 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Brachydanio rerio (new name: Danio rerio)
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
Graphite 7782-42-5	Value type	EC50
	Value	> 5,600 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	24 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Calcium oxide 1305-78-8	Value type	LC50
	Value	50.6 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Oncorhynchus mykiss
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
Calcium oxide 1305-78-8	Value type	EC50
	Value	49.1 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Calcium oxide 1305-78-8	Value type	EC50
	Value	184.57 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Pseudokirchneriella subcapitata
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
Calcium oxide 1305-78-8	Value type	NOEC
	Value	48 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Pseudokirchneriella subcapitata
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
Calcium oxide 1305-78-8	Value type	EC20
	Value	229.2 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	3 h
	Species	activated sludge of a predominantly domestic sewage
	Method	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO 64742-53-6	Value type	LL50
	Value	> 100 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Pimephales promelas

	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO 64742-53-6	Value type	EC50
	Value	> 1,000 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	not specified
White mineral oil (petroleum) (not cmr) 8042-47-5	Value type	LL50
	Value	> 100 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Oncorhynchus mykiss
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
White mineral oil (petroleum) (not cmr) 8042-47-5	Value type	EL50
	Value	> 100 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
White mineral oil (petroleum) (not cmr) 8042-47-5	Value type	NOELR
	Value	100 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Pseudokirchneriella subcapitata
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
White mineral oil (petroleum) (not cmr) 8042-47-5	Value type	IC50
	Value	> 100 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	93 d
	Species	other:
	Method	other guideline:
Aluminum not powder, dust or fume 7429-90-5	Value type	NOEC
	Value	> 100 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Salmo trutta
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)

Persistence and degradability:

Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	Result	not readily biodegradable.
	Route of application	aerobic
	Degradability	6 %
	Method	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
White mineral oil (petroleum) (not cmr) 8042-47-5	Result	not readily biodegradable.
	Route of application	aerobic
	Degradability	31.3 %
	Method	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)

Bioaccumulative potential / Mobility in soil:

White mineral oil (petroleum) (not cmr) 8042-47-5	LogPow	> 4
	Temperature	
	Method	EU Method A.8 (Partition Coefficient)

Section 13. Disposal considerations**Product****Method of disposal:**

Dispose of in accordance with local and national regulations.
Collection and delivery to recycling enterprise or other registered elimination institution.

Packaging

Disposal of uncleaned packages: Packaging that cannot be cleaned are to be disposed of in the same manner as the product. After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Section 14. Transport information

Road transport ADR:

Not dangerous goods

Railroad transport RID:

Not dangerous goods

Inland water transport ADN:

Not dangerous goods

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

Not dangerous goods

Section 15. Regulatory information

Regulatory Information: Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 [P.U.(A) 310/213]
Industry Code of Practice on Chemicals Classification and Hazard Communication 2014

Global inventory status:

Regulatory list	Notification
TSCA	yes
DSL	yes
KECI (KR)	yes
ENCS (JP)	yes
IECSC	yes
AICS	yes
PICCS (PH)	yes
CH INV	yes
EINECS	yes

Section 16. Other information

Disclaimer:

This Safety Data Sheet has been generated based on Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 [P.U.(A) 310/213]only . No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country . Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance.This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

Dear Customer,

Henkel is committed to creating a sustainable future by promoting opportunities along the entire value chain. If you would like to contribute by switching from a paper to the electronic version of SDS, please contact the local Customer Service representative. We recommend to use a non-personal email address (e.g. SDS@your_company .com).