

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Code 81981

Product Name WHITE LITHIUM GREASE 10.75OZ AE

Unique Formula Identifier (UFI) Code ERWH-C0FU-K00G-U8R0
Contains DISTILLATES (PETROLEUM), HYDROTREATED LIGHT, NAPHTHA (PETROLEUM), HYDROTREATED LIGHT, HEPTANE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Flammable Aerosol Lubricant

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

For further information, please contact

1.4. Emergency telephone number

24-hour emergency phone number - §45 - (EC)1272/2008

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aspiration hazard	Category 1 - (H304)
Germ cell mutagenicity	Category 1B - (H340)
Carcinogenicity	Category 1B - (H350)
Chronic aquatic toxicity	Category 2 - (H411)
Flammable liquids	Category 2 - (H225)
Flammable aerosols	Category 1
Gases under pressure	Liquefied gas

2.2. Label elements

Contains DISTILLATES (PETROLEUM), HYDROTREATED LIGHT, NAPHTHA (PETROLEUM), HYDROTREATED LIGHT, HEPTANE



Signal word

Danger

Hazard statements

H304 - May be fatal if swallowed and enters airways
 H340 - May cause genetic defects
 H350 - May cause cancer
 H411 - Toxic to aquatic life with long lasting effects
 H225 - Highly flammable liquid and vapor
 H222 - Extremely flammable aerosol
 H280 - Contains gas under pressure; may explode if heated

Precautionary Statements - EU (§28, 1272/2008)

P201 - Obtain special instructions before use
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P308 + P313 - IF exposed or concerned: Get medical advice/attention
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor
 P331 - Do NOT induce vomiting
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
 P370 + P378 - In case of fire: Use .? to extinguish

2.3. Other hazards

May be harmful in contact with skin. Causes mild skin irritation. Toxic to aquatic life.

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical name	Weight-%	REACH registration No.	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
PROPANE 74-98-6	10 - 30		200-827-9	Flam. Gas 1 (H220) Press. Gas	-	-	-
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	10 - 30	Registration no. 01-2119456620- 43-XXXX	265-149-8	Asp. Tox. 1 (H304)	-	-	-
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT 64742-49-0	5 - 10		265-151-9	Muta. 1B (H340) Carc. 1B (H350) Asp. Tox. 1 (H304)	-	-	-
HEPTANE 142-82-5	1 - 5		205-563-8	Skin Irrit. 2 (H315) STOT SE 3 (H336) Asp. Tox. 1 (H304) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Flam. Liq. 2	-	-	-

				(H225)			
ZINC OXIDE 1314-13-2	0.1 - 1		215-222-5	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-	-	-
MORPHOLINE 110-91-8	0.1 - 1		203-815-1	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314) Flam. Liq. 3 (H226)	-	-	-

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate
No information available

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.
Ingestion	Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical No information available.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

7.3. Specific end use(s)

Specific use(s)
Lubricant.

Identified uses

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational

exposure limits established by the region specific regulatory bodies.

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
PROPANE 74-98-6	-	TWA: 1000 ppm TWA: 1800 mg/m ³ STEL 2000 ppm STEL 3600 mg/m ³	-	TWA: 1800.0 mg/m ³	-
HEPTANE 142-82-5	TWA 500 ppm TWA 2085 mg/m ³	TWA: 500 ppm TWA: 2000 mg/m ³ STEL 2000 ppm STEL 8000 mg/m ³	-	TWA: 1600 mg/m ³	TWA: 500 ppm TWA: 2085 mg/m ³ K*
ZINC OXIDE 1314-13-2	-	TWA: 5 mg/m ³	-	STEL: 10.0 mg/m ³ TWA: 5.0 mg/m ³	TWA: 2 mg/m ³ STEL: 10 mg/m ³
MORPHOLINE 110-91-8	TWA: 10 ppm TWA: 36 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ STEL 10 ppm STEL 36 mg/m ³ Ceiling 10 ppm Ceiling 36 mg/m ³	-	STEL: 20 ppm STEL: 72.0 mg/m ³ TWA: 10 ppm TWA: 36.0 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
PROPANE 74-98-6	-	-	TWA: 1000 ppm TWA: 1800 mg/m ³	TWA: 1000 ppm TWA: 1800 mg/m ³	TWA: 800 ppm TWA: 1500 mg/m ³ STEL: 1100 ppm STEL: 2000 mg/m ³
HEPTANE 142-82-5	-	-	TWA: 200 ppm TWA: 820 mg/m ³	TWA: 500 ppm TWA: 2085 mg/m ³	TWA: 300 ppm TWA: 1200 mg/m ³ STEL: 500 ppm STEL: 2100 mg/m ³
ZINC OXIDE 1314-13-2	-	-	TWA: 4 mg/m ³	TWA: 5 mg/m ³	TWA: 2 mg/m ³ STEL: 10 mg/m ³
MORPHOLINE 110-91-8	-	-	TWA: 10 ppm TWA: 36 mg/m ³ H*	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ iho*
Chemical name	France	Germany	Germany MAK	Greece	Hungary
PROPANE 74-98-6	-	TWA: 1000 ppm TWA: 1800 mg/m ³	TWA: 1000 ppm TWA: 1800 mg/m ³ Ceiling / Peak: 4000 ppm Ceiling / Peak: 7200 mg/m ³	-	-
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	-	-	TWA: 5 mg/m ³ TWA: 50 ppm TWA: 350 mg/m ³ Ceiling / Peak: 20 mg/m ³ Ceiling / Peak: 100 ppm Ceiling / Peak: 700 mg/m ³	-	-
HEPTANE 142-82-5	TWA: 400 ppm TWA: 1668 mg/m ³ TWA: 1000 mg/m ³ STEL: 500 ppm STEL: 2085 mg/m ³ STEL: 1500 mg/m ³	TWA: 500 ppm TWA: 2100 mg/m ³	TWA: 500 ppm TWA: 2100 mg/m ³ Ceiling / Peak: 500 ppm Ceiling / Peak: 2100 mg/m ³	-	TWA: 2000 mg/m ³
ZINC OXIDE 1314-13-2	TWA: 5 mg/m ³ TWA: 10 mg/m ³	-	TWA: 0.1 mg/m ³ TWA: 2 mg/m ³ Ceiling / Peak: 0.4 mg/m ³ Ceiling / Peak: 4 mg/m ³	-	TWA: 5 mg/m ³ STEL: 20 mg/m ³

MORPHOLINE 110-91-8	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ H*	TWA: 10 ppm TWA: 36 mg/m ³ Ceiling / Peak: 20 ppm Ceiling / Peak: 72 mg/m ³	-	TWA: 36 mg/m ³ STEL: 72 mg/m ³
Chemical name	Ireland	Italy	Italy REL	Latvia	Lithuania
PROPANE 74-98-6	STEL: 3000 ppm	-	-	TWA: 1000 ppm TWA: 1800 mg/m ³ TWA: 100 mg/m ³ STEL: 300 mg/m ³	-
HEPTANE 142-82-5	TWA: 500 ppm TWA: 2085 mg/m ³ STEL: 1500 ppm STEL: 6255 mg/m ³	TWA: 500 ppm TWA: 2085 mg/m ³	-	TWA: 85 ppm TWA: 350 mg/m ³ TWA: 100 mg/m ³ STEL: 500 ppm STEL: 2085 mg/m ³ STEL: 300 mg/m ³	-
ZINC OXIDE 1314-13-2	TWA: 2 mg/m ³ STEL: 10 mg/m ³	-	-	TWA: 0.5 mg/m ³	-
MORPHOLINE 110-91-8	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ Sk*	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ pelle*	-	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³	-
Chemical name	Luxembourg	Malta	Netherlands	Norway	Poland
PROPANE 74-98-6	-	-	-	TWA: 500 ppm TWA: 900 mg/m ³ TWA: 40 ppm TWA: 275 mg/m ³ STEL: 625 ppm STEL: 1125 mg/m ³ STEL: 60 ppm STEL: 343.75 mg/m ³	TWA: 1800 mg/m ³
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT 64742-49-0	-	-	-	-	STEL: 1500 mg/m ³ TWA: 500 mg/m ³
HEPTANE 142-82-5	-	-	TWA: 1200 mg/m ³ STEL: 1600 mg/m ³	TWA: 200 ppm TWA: 800 mg/m ³ TWA: 40 ppm TWA: 275 mg/m ³ STEL: 250 ppm STEL: 1000 mg/m ³ STEL: 60 ppm STEL: 343.75 mg/m ³	STEL: 2000 mg/m ³ TWA: 1200 mg/m ³
ZINC OXIDE 1314-13-2	-	-	-	TWA: 5 mg/m ³ STEL: 10 mg/m ³	STEL: 10 mg/m ³ TWA: 5 mg/m ³
MORPHOLINE 110-91-8	-	-	TWA: 36 mg/m ³ STEL: 72 mg/m ³ H*	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 15 ppm STEL: 54 mg/m ³ H*	STEL: 72 mg/m ³ TWA: 36 mg/m ³
Chemical name	Portugal	Romania	Slovakia	Slovenia	Spain
PROPANE 74-98-6	TWA: 1000 ppm	TWA: 778 ppm TWA: 1400 mg/m ³ TWA: 700 mg/m ³ STEL: 1000 ppm STEL: 1800 mg/m ³ STEL: 1000 mg/m ³	-	TWA: 1000 ppm TWA: 1800 mg/m ³ 4000: STEL ppm 7200: STEL mg/m ³	TWA: 1000 ppm
HEPTANE	TWA: 500 ppm	TWA: 500 ppm	TWA: 500 ppm	TWA: 500 ppm	TWA: 500 ppm

142-82-5	TWA: 2085 mg/m ³ STEL: 500 ppm	TWA: 2085 mg/m ³ TWA: 700 mg/m ³ STEL: 1000 mg/m ³	TWA: 2085 mg/m ³	TWA: 2085 mg/m ³ 500: STEL ppm 2085: STEL mg/m ³	TWA: 2085 mg/m ³
ZINC OXIDE 1314-13-2	TWA: 2 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 1 mg/m ³	-	TWA: 2 mg/m ³ STEL: 10 mg/m ³
MORPHOLINE 110-91-8	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ P*	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³	TWA: 10 ppm TWA: 36 mg/m ³ 20: STEL ppm 72: STEL mg/m ³ K*	TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³
Chemical name	Sweden		Switzerland		United Kingdom
PROPANE 74-98-6	-		TWA: 1000 ppm TWA: 1800 mg/m ³ STEL: 4000 ppm STEL: 7200 mg/m ³		-
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	-		TWA: 50 ppm TWA: 350 mg/m ³ TWA: 5 mg/m ³ STEL: 100 ppm STEL: 700 mg/m ³		-
HEPTANE 142-82-5	-		TWA: 400 ppm TWA: 1600 mg/m ³ STEL: 400 ppm STEL: 1600 mg/m ³		TWA: 500 ppm TWA: 2085 mg/m ³ STEL: 1500 ppm STEL: 6255 mg/m ³
ZINC OXIDE 1314-13-2	-		TWA: 3 mg/m ³ STEL: 3 mg/m ³		-
MORPHOLINE 110-91-8	-		TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ H*		TWA: 10 ppm TWA: 36 mg/m ³ STEL: 20 ppm STEL: 72 mg/m ³ Sk*

Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls**Personal protective equipment**

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid Aerosol
Color	No information available
Odor	No information available.
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	No data available	None known
Boiling point / boiling range	74 °C	
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:	8.3%	
Lower flammability limit:	1.4%	
Flash point	-104 °C	Gives a flame projection at full valve opening or flashback at any degree of valve opening
Autoignition temperature	No data available	None known
Decomposition temperature		None known
pH	No data available	None known
pH (as aqueous solution)	No data available	No information available
Kinematic viscosity		None known
Dynamic viscosity	No data available	None known
Water solubility	No data available	
Solubility(ies)	No Data Available	None known
Partition coefficient	No Data Available	None known
Vapor pressure	80 psig @70°F	
Relative density	0.91	
Bulk density	No data available	
Density	No data available	
Vapor density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

9.2.1. Information with regard to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous Decomposition Products None known based on information supplied.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Numerical measures of toxicity

No information available

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	5,232.50 mg/kg
ATEmix (dermal)	2,404.60 mg/kg

- 77 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
- 75.3 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
- 84 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
- 99 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).
- 99 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
PROPANE	-	-	> 800000 ppm (Rat) 15 min
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	> 5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	= 73680 ppm (Rat) 4 h
HEPTANE	-	= 3000 mg/kg (Rabbit)	= 103 g/m ³ (Rat) 4 h
ZINC OXIDE	> 5000 mg/kg (Rat)	-	-
MORPHOLINE	= 1050 mg/kg (Rat)	310 - 810 mg/kg (Rabbit)	> 8000 ppm (Rat) 8 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Chemical name	European Union
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	Carc. 1B

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity The environmental impact of this product has not been fully investigated.

Unknown aquatic toxicity Contains 60.3 % of components with unknown hazards to the aquatic environment.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	-	2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through	-	-
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	-	8.41: 96 h Oncorhynchus mykiss mg/L LC50 semi-static, closed	-	-
HEPTANE	-	375.0: 96 h Cichlid fish mg/L LC50	-	-
ZINC OXIDE	-	1.55: 96 h Danio rerio mg/L LC50 static	-	-
MORPHOLINE	28: 96 h Pseudokirchneriella subcapitata mg/L EC50 static	375 - 460: 96 h Oncorhynchus mykiss mg/L LC50 350: 96 h Lepomis macrochirus mg/L LC50 static 1000:	-	-

		96 h Brachydanio rerio mg/L LC50 static		
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12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation No information available.

Chemical name	Partition coefficient
PROPANE	2.3
HEPTANE	4.66
MORPHOLINE	-2.55

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information

IATA

14.1 UN number or ID number ID 8000
 14.2
 14.3 Transport hazard class(es) 9
 14.4 Packing group Not regulated
 14.5 Environmental hazard Not applicable
 14.6 Special precautions for user
 Special Provisions None

IMDG

14.1 UN number or ID number 1950
 14.2
 14.3 Transport hazard class(es) 2.1
 14.4 Packing Group Not regulated
 14.5 Environmental hazard Not applicable
 14.6 Special precautions for user

Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN/ID No	1950
14.2	
14.3 Transport hazard class(es)	2.1
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADR

14.1 UN number or ID number	1950
14.2	
14.3 Transport hazard class(es)	2.1
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not applicable
14.6 Special precautions for user	
Special Provisions	None
Classification code	5F

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical name	Title	French RG number
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT 64742-47-8	-	RG 84
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT 64742-49-0	-	RG 84
HEPTANE 142-82-5	-	RG 84

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT - 64742-49-0	28. 29.	-

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

- H220 - Extremely flammable gas
H225 - Highly flammable liquid and vapor
H226 - Flammable liquid and vapor
H302 - Harmful if swallowed
H304 - May be fatal if swallowed and enters airways
H312 - Harmful in contact with skin
H314 - Causes severe skin burns and eye damage
H315 - Causes skin irritation
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness
H340 - May cause genetic defects
H350 - May cause cancer
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method

Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 EPA (Environmental Protection Agency)
 Acute Exposure Guideline Level(s) (AEGl(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 Japan GHS Classification
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program
 Organization for Economic Co-operation and Development Screening Information Data Set
 World Health Organization

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This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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End of Safety Data Sheet