

SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 as amended by Regulation (EU) No. 2020/878, and Regulation (EC) No. 1272/2008

Revision Date 12-19-2024 Revision Number 6.1

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

1.1. Product identifier

Product Code(s) 1275

Product name 1275 ALMAPLEX® INDUSTRIAL LUBRICANT

Other means of identification

Mixture.

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

Recommended use Lubricant

Uses advised against Consumer use

1.3. Details of the supplier of the safety data sheet

Importer Manufacturer

HH Compliance Limited Lubrication Engineers Inc.

Block 3 Harcourt Centre 1919 E. Tulsa Harcourt Road Wichita, KS 67216

Dublin 2 USA

Ireland 800-537-7683

Reg. Number: 421878 +353-21-4868122

For further information, please contact

Non-Emergency Telephone Number REACH +353-21-4868122

Other 1-800-537-7683

1.4. Emergency telephone number

Website SDS is available at www.LElubricants.com

Emergency Telephone CHEMTREC: 1-800-424-9300 (NORTH AMERICA)

+1-703-527-3887 (INTERNATIONAL)

Emergency Telephone - §45 - (EC)1272/2008

Europe ______112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]. EUH210 - Safety data sheet available on request.

2.3. Other hazards

Other hazards No information available.

PBT & vPvB The components in this formulation do not meet the criteria for classification as PBT or

vPvB.

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical name	Weight-%	REACH registration number	EC No (EU Index No)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-ter m)	Notes
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	60 - 70	01-2119467170- 45	265-155-0	Not Classified (per Note L)	•	-	-	-
antimony dialkyldithiocarbamate 15890-25-2	1 - 5	No data available	240-028-2	Acute Tox. 4 (H302) Acute Tox. 4 (H332) Aquatic Chronic 2 (H411)	-	-	-	-
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	1 - 5	01-2119471299- 27	265-169-7	Not classified (per Note L)	-	-	-	-
Aluminum distearate 300-92-5	1 - 5	01-2120117673- 59	206-101-8	Not Classified	-	-	-	-

The producer of "1275" declares that it contains less than 3% DMSO extractable material by IP-346

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

Chemi	cal name	Oral LD50 mg/kg	Dermal LD50	Inhalation LC50 - 4	Inhalation LC50 - 4	Inhalation LC50 - 4
			mg/kg	hour - dust/mist - mg/L	hour - vapor - mg/L	hour - gas - ppm
hydrotre: naph	n distillates, ated heavy nthenic 42-52-5	5000 24000	5000	No data available	No data available	No data available

This product does not contain candidate substances of very high concern at a concentration >=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.

Effects of Exposure No information available.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

surrounding environment.

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 Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

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 upTake 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.

Storage class (TRGS 510) Storage class 10.

7.3. Specific end use(s)

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

Chemical name	European Union	Austria	Belgium	Bulgaria	Croatia
Petroleum distillates,	-	=	TWA 5 mg/m ³	TWA 5.0 mg/m ³	-

					1
hydrotreated heavy			STEL 10 mg/m ³		
naphthenic					
64742-52-5					
antimony	-	STEL 1.5 mg/m ³	TWA 0.5 mg/m ³	-	TWA 0.5 mg/m ³
dialkyldithiocarbamate		TWA 0.5 mg/m ³			
15890-25-2					
Petroleum distillates,	-	-	TWA 5 mg/m ³	TWA 5.0 mg/m ³	-
solvent dewaxed heavy			STEL 10 mg/m ³		
paraffinic			, and the second		
64742-65-0					
Aluminum distearate	-	=	TWA 10 mg/m ³	=	-
300-92-5					
Chemical name	Cyprus	Czech Republic	Denmark	Estonia	Finland
Petroleum distillates,	-	TWA: 5 mg/m ³	TWA 1 mg/m ³	-	TWA 5 mg/m ³
hydrotreated heavy		Ceiling: 10 mg/m ³	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11171 0 mg/m
naphthenic		Coming. To mg/m			
64742-52-5					
antimony	_	_	TWA 0.5 mg/m ³	_	TWA 0.5 mg/m ³
dialkyldithiocarbamate	_	-	TWA 0.5 mg/m²	-	I TVVA 0.5 mg/m²
15890-25-2					
	-		T\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		T\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Petroleum distillates,	-	-	TWA 1 mg/m ³	-	TWA 5 mg/m ³
solvent dewaxed heavy					
paraffinic					
64742-65-0					
Chemical name	France	Germany TRGS	Germany DFG	Greece	Hungary
Petroleum distillates,	-	-	-	TWA 5 mg/m ³	-
hydrotreated heavy					
naphthenic					
64742-52-5					
antimony	TWA 0.5 mg/m ³	-	-	TWA 0.5 mg/m ³	-
dialkyldithiocarbamate	C1				
15890-25-2	C2				
Petroleum distillates,	-	-	-	TWA 5 mg/m ³	Rákkelto hatású
solvent dewaxed heavy	1			_	l a / a
	1				Ceiling 5mg/m ³
paraffinic					Ceiling 5mg/m ³
					Ceiling 5mg/m ³
paraffinic	Ireland	Italy MDLPS	Italy AIDII	Latvia	Ceiling 5mg/m³ Lithuania
paraffinic 64742-65-0 Chemical name		Italy MDLPS	Italy AIDII TWA: 5 mg/m³		Lithuania
paraffinic 64742-65-0 Chemical name Petroleum distillates,	TWA 5 ppm	Italy MDLPS	Italy AIDII TWA: 5 mg/m³	Latvia TWA: 5 mg/m³	Lithuania TWA: 1 mg/m ³
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy		Italy MDLPS			Lithuania
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic	TWA 5 ppm	Italy MDLPS -			Lithuania TWA: 1 mg/m ³
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	TWA 5 ppm STEL 15 ppm	Italy MDLPS		TWA: 5 mg/m ³	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m ³	Italy MDLPS			Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate	TWA 5 ppm STEL 15 ppm	Italy MDLPS		TWA: 5 mg/m ³	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m ³	Italy MDLPS		TWA: 5 mg/m ³	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m ³	Italy MDLPS		TWA: 5 mg/m ³	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m ³ STEL 1.5 mg/m ³	-	TWA: 5 mg/m ³	TWA: 5 mg/m³ S*	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates,	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m ³ STEL 1.5 mg/m ³	Italy MDLPS		TWA: 5 mg/m ³	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m ³ STEL 1.5 mg/m ³	-	TWA: 5 mg/m ³	TWA: 5 mg/m³ S*	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy paraffinic	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m ³ STEL 1.5 mg/m ³	-	TWA: 5 mg/m ³	TWA: 5 mg/m³ S*	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m³ STEL 1.5 mg/m³ TWA 5 ppm STEL 15 ppm	-	TWA: 5 mg/m ³	TWA: 5 mg/m³ S*	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas Kancerogenas S*
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0 Aluminum distearate	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m³ STEL 1.5 mg/m³ TWA 5 ppm STEL 15 ppm TWA 10 mg/m³	-	TWA: 5 mg/m ³	TWA: 5 mg/m³ S*	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0 Aluminum distearate 300-92-5	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m³ STEL 1.5 mg/m³ TWA 5 ppm STEL 15 ppm TWA 10 mg/m³ STEL 30 mg/m³	-	TWA: 5 mg/m ³	TWA: 5 mg/m³ S*	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas Kancerogenas S* -
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0 Aluminum distearate 300-92-5 Chemical name	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m³ STEL 1.5 mg/m³ TWA 5 ppm STEL 15 ppm TWA 10 mg/m³	-	TWA: 5 mg/m³ - Netherlands	TWA: 5 mg/m³ S* - Norway	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas Kancerogenas S* Poland
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0 Aluminum distearate 300-92-5 Chemical name Petroleum distillates,	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m³ STEL 1.5 mg/m³ TWA 5 ppm STEL 15 ppm TWA 10 mg/m³ STEL 30 mg/m³	-	TWA: 5 mg/m ³	TWA: 5 mg/m³ S* - Norway TWA 1 mg/m³	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas Kancerogenas S* -
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0 Aluminum distearate 300-92-5 Chemical name Petroleum distillates, hydrotreated heavy	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m³ STEL 1.5 mg/m³ TWA 5 ppm STEL 15 ppm TWA 10 mg/m³ STEL 30 mg/m³	-	TWA: 5 mg/m³ - Netherlands	TWA: 5 mg/m³ S* - Norway	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas Kancerogenas S* Poland
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0 Aluminum distearate 300-92-5 Chemical name Petroleum distillates, hydrotreated heavy naphthenic	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m³ STEL 1.5 mg/m³ TWA 5 ppm STEL 15 ppm TWA 10 mg/m³ STEL 30 mg/m³	-	TWA: 5 mg/m³ - Netherlands	TWA: 5 mg/m³ S* - Norway TWA 1 mg/m³	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas Kancerogenas S* Poland
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0 Aluminum distearate 300-92-5 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m³ STEL 1.5 mg/m³ TWA 5 ppm STEL 15 ppm TWA 10 mg/m³ STEL 30 mg/m³	-	TWA: 5 mg/m³ - Netherlands TWA 5 mg/m³	TWA: 5 mg/m³ S* - Norway TWA 1 mg/m³ STEL 3 mg/m³	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas Kancerogenas S* Poland
paraffinic 64742-65-0 Chemical name Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5 antimony dialkyldithiocarbamate 15890-25-2 Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0 Aluminum distearate 300-92-5 Chemical name Petroleum distillates, hydrotreated heavy naphthenic	TWA 5 ppm STEL 15 ppm TWA 0.5 mg/m³ STEL 1.5 mg/m³ TWA 5 ppm STEL 15 ppm TWA 10 mg/m³ STEL 30 mg/m³	-	TWA: 5 mg/m³ - Netherlands	TWA: 5 mg/m³ S* - Norway TWA 1 mg/m³	Lithuania TWA: 1 mg/m³ STEL: 3 mg/m³ Alergenas+ Toksiška reprodukcijai Mutagenas Kancerogenas S* Poland

dialkyldithiocarbamate 15890-25-2						K* STEL 1.			
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	-			-	TWA 5 mg/m ³	TWA 1 STEL 2	mg/m³	TWA	5 mg/m ³
Chemical name	Portu	gal	Ro	mania	Slovakia	Slove	enia	S	Spain
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	TWA 5	mg/m³		10 mg/m ³ 5 mg/m ³	TWA: 5 ppm TWA: 1 mg/m ³ TWA: 5 mg/m ³ Ceiling: 3 mg/m ³	-			5 mg/m ³ 10 mg/m ³
antimony dialkyldithiocarbamate 15890-25-2	TWA 0.5	mg/m ³		-	S+ Ceiling = 1.0 mg/m ³ S* TWA = 0.5 mg/m ³ C1 C2 M2 M3	TWA = 0. R1 R2 R3 M3 C1 C	3 M1 M2	TWA	0.5 mg/m ³
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	TWA 51 STEL 10			10 mg/m ³ 5 mg/m ³	-	-			5 mg/m ³ 10 mg/m ³
Aluminum distearate 300-92-5	TWA 10 C(A			-	-	-		TWA	10 mg/m ³
Chemical name			Swede		Switzerlan	d	Un	ited King	gdom
Petroleum distillates, hyd heavy naphtheni 64742-52-5		TLV 1 mg/ Indicative STEL			-			-	
antimony dialkyldithiocarbamate 15890-25-2			V 0.25	J	-		STEL 1.5 mg/m ³ TWA 0.5 mg/m ³		
			3 mg/m ³	-			_		
Aluminum disteara 300-92-5	ate		TLV 5 m	ng/m³	-			<u>-</u>	

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) - Workers

	Chemical name	Oral	Dermal	Inhalation
Petrol	eum distillates, hydrotreated heavy naphthenic 64742-52-5	-	0.97 mg/kg bw/day [4] [6]	2.73 mg/m³ [4] [6] 5.58 mg/m³ [5] [6]

Notes

[4] Systemic health effects.[5] Local health effects.[6] Long term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	0.74 mg/kg bw/day [4] [6]	-	1.19 mg/m³ [5] [6]

Notes

[4] Systemic health effects.[5] Local health effects.[6] Long term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	-	-	-	-	9.33 mg/kg food

8.2. Exposure controls

Engineering controls No information available.

Personal protective equipment

Eye/face protection Appropriate eye/face protection should be selected and used according to the chemical

nature, hazards and use of this product and safety requirements of the local jurisdiction.

Hand protection Appropriate hand protection should be selected and used according to the chemical nature,

hazards and use of this product and safety requirements of the local jurisdiction.

Skin and body protection Appropriate skin and body protection should be selected and used according to the

chemical nature, hazards and use of this product and safety requirements of the local

jurisdiction.

Respiratory protection Appropriate respiratory protection should be selected and used according to the chemical

nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be

required.

Thermal hazards No information available.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Paste / Gel Liquid
Appearance orange
Odor Characteristic.

Property
Melting Point / Freezing Point
Boiling Point/Range
Flammability (solid, gas)
Flammability Limits in Air

ValuesMethodNo data availableNone knownNo data availableNone knownNo data availableNone knownNone knownNone known

Upper flammability limit:No data availableLower Flammability LimitNo data available

Flash Point 248 °C ASTM D92
Autoignition Temperature No data available None known

Decomposition Temperature

None known

None known

No data available None known pH (as aqueous solution) No data available None known Viscosity, kinematic No data available None known Viscosity, dynamic No data available None known No data available None known Water solubility Solubility in other solvents No data available None known Partition coefficient: n-octanol/water No data available None known Vapor pressure No data available None known **Relative Density** No data available None known

Bulk Density No data available Density VALUE No data available

Vapor DensityNo data availableNone known

Particle characteristics

Particle Size No data available
Particle Size Distribution No data available

9.2. Other information

VOC content 0.00604

9.2.1. Information with regard to physical hazard classes

No information available

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

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.

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

Acute toxicity Based on available data, the classification criteria are not met.

Numerical measures of toxicity

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

ATEmix (oral) 11,097.30 mg/kg ATEmix (dermal) 9,051.20 mg/kg ATEmix (inhalation-gas) 99,999.00 ppm ATEmix (inhalation-vapor) 99,999.00 mg/l ATEmix (inhalation-dust/mist) 49.40 mg/l

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	= 2062 ppm (Rat) 4 h
heavy naphthenic	> 24 g/kg (Rat)		
antimony dialkyldithiocarbamate	> 16400 mg/kg (Rat)	> 16000 mg/kg (Rabbit)	-
Petroleum distillates, solvent dewaxed	> 15000 mg/kg (Rat) > 24	> 5000 mg/kg (Rabbit)	> 2400 mg/m ³ (Rat) 4 h =
heavy paraffinic	g/kg (Rat)		2062 ppm (Rat) 4 h

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

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Based on available data, the classification criteria are not met. Reproductive toxicity

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties Based on available data, the classification criteria are not met.

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.

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

No information available. Bioaccumulation

12.4. Mobility in soil

No information available. Mobility in soil

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment Based on available data, the classification criteria are not met.

Chemical name	PBT and vPvB assessment
Petroleum distillates, hydrotreated heavy naphthenic	The substance is not PBT / vPvB

12.6. Endocrine disrupting properties

Endocrine disrupting properties Based on available data, the classification criteria are not met. 12.7. Other adverse effects

Other adverse effects No information available.

PMT or vPvM properties Based on available data, the classification criteria are not met.

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.

According to the European Waste Catalogue, Waste Codes are not product specific, but OTHER INFORMATION

application specific. Waste codes should be assigned by the user based on the application

for which the product was used.

SECTION 14: Transport information

ICAO/IATA

14.1. UN number or ID number Not regulated 14.2. UN proper shipping name Not regulated 14.3. Transport hazard class(es) Not regulated 14.4. Packing group Not regulated No

14.5. Fish and tree

14.6. Special precautions for user

Special Provisions None

IMDG

14.1. UN number or ID number Not regulated 14.2. UN proper shipping name Not regulated 14.3. Transport hazard class(es) Not regulated Not regulated 14.4. Packing Group No

14.5 Fish and tree

14.6. Special precautions for user

Special Provisions

14.7 Maritime transport in bulk according to IMO instruments

None

No

No information available

RID

14.1. UN number or ID number Not regulated Not regulated 14.2. UN proper shipping name 14.3. Transport hazard class(es) Not regulated 14.4. Packing Group Not regulated

14.5. Fish and tree 14.6. Special precautions for user

Special Provisions None

ADR/RID

14.1. UN number or ID number Not regulated 14.2. UN proper shipping name Not regulated 14.3. Transport hazard class(es) Not regulated Not regulated 14.4. Packing Group

14.5. Fish and tree

1275 ALMAPLEX® INDUSTRIAL LUBRICANT

14.6. Special precautions for user

Special Provisions None

ADN

14.1. UN-No Not regulated 14.2. UN proper shipping name Not regulated

14.3. Hazard Class No information available

14.4. Packing Group Not regulated

14.5. Fish and tree No

14.6. Special precautions for user

Special Provisions None

SECTION 15: Regulatory information

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

National regulations

Germany

Water hazard class (WGK) strongly hazardous to water (WGK 3)

Chemical Prohibition Ordinance

(ChemVerbotsV)

Not applicable

TRGS 905 Not applicable

Switzerland

Ordinance on the Incentive Tax on Volatile Organic Compounds (OVOC) SR 814.018 Not applicable

Storage of Hazardous Material SC Non-hazardous material

WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20 Not applicable

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 contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	Restricted substance per REACH	Substance subject to authorization per
	Annex XVII	REACH Annex XIV
Petroleum distillates, hydrotreated heavy naphthenic	Use restricted. See item 28.	-
- 64742-52-5	Use restricted. See item 75.	

Persistent Organic Pollutants

Not applicable

Named dangerous substances per Seveso Directive (2012/18/EU)

Chemical name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
Petroleum distillates, hydrotreated heavy naphthenic	-	25000
- 64742-52-5		

Ozone-depleting substances (ODS) Regulation (EU) 2024/590

Not applicable.

International Inventories

TSCA Contact supplier for inventory compliance status Contact supplier for inventory compliance status **DSL/NDSL EINECS/ELINCS** Contact supplier for inventory compliance status **ENCS** Contact supplier for inventory compliance status **IECSC** Contact supplier for inventory compliance status Contact supplier for inventory compliance status **KECL** Contact supplier for inventory compliance status **PICCS** Contact supplier for inventory compliance status **AICS** Contact supplier for inventory compliance status **NZIoC** Contact supplier for inventory compliance status **TCSI**

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

NZIoC - New Zealand Inventory of Chemicals **TCSI** - Taiwan Chemical Substance Inventory

15.2. Chemical safety assessment

Chemical Safety Assessment No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms

Full text of any hazard and/or precautionary statements referred to under Sections 2-15

H302 - Harmful if swallowed

H332 - Harmful if inhaled

H411 - Toxic to aquatic life with long lasting effects

ACGIH	American Conference of Governmental Industrial Hygienists	
AIDII	Italian Association of Industrial Hygienists	
ADN	Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe)	
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road (Europe)	
AIIC	Australian Inventory of Industrial Chemicals	
ATE	Acute Toxicity Estimate	
ASTM	American Society for the Testing of Materials	
bar	Biological Reference Values for Chemical Compounds in the Work Area	
BAT	Biological tolerance values for occupational exposure	
BEL	Biological exposure limits	
bw	Body weight	
Ceiling	Maximum limit value	
CLP	Classification, Labelling and Packaging Regulation; Regulation (EC) No 1272/2008	
CMR	Carcinogen, Mutagen or Reproductive Toxicant	
DFG	German Research Foundation	
DOT	Department of Transportation (United States)	

DSL	Domestic Substances List (Canada)		
ECHA	,		
EC Number	European Chemicals Agency European Community number		
EmS	Emergency Schedule		
ENCS	Existing and New Chemical Substances (Japan)		
EPA	Environmental Protection Agency		
EWC	European Waste Codes		
GHS	Globally Harmonized System		
IARC	International Agency for Research on Cancer		
IATA	International Agency for Research on Cancer International Air Transport Association		
IBC	International Air Transport Association International Code for the Construction and Equipment of Ships carrying Dangerous		
	Chemicals in Bulk		
ICAO	International Civil Aviation Organization		
IECSC	Inventory of Existing Chemical Substances in China		
IMDG	International Maritime Dangerous Goods		
IMO	International Maritime Dangerous Goods International Maritime Organization		
ISO	International Maritime Organization International Organization for Standardization		
KECI	Korean Existing Chemicals Inventory		
LC50	Lethal Concentration to 50% of a test population		
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)		
MAL	Measuring Technical Hygienic Air Needs		
MARPOL	International Convention for the Prevention of Pollution from Ships		
MDLPS	Ministry of Labor and Social Policy		
n.o.s.	Not Otherwise Specified		
NOAEC	No Observed Adverse Effect Concentration		
NOAEL	No Observed Adverse Effect Level		
NOELR	No Observable Effect Loading Rate		
NZIoC	New Zealand Inventory of Chemicals		
OECD	Organization for Economic Cooperation and Development		
OEL			
PBT	Occupational exposure limits Persistent, Bioaccumulative and Toxic substance		
PICCS			
PMT	Philippines Inventory of Chemicals and Chemical Substances		
PPE	Persistent, Mobile and Toxic		
QSAR	Personal protective equipment Quantitative Structure Activity Relationship		
REACH	Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation		
REACH	(EC 1907/2006)		
RID	Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe)		
SADT	Self-Accelerating Decomposition Temperature		
SAR	Structure-activity relationship		
SDS	Safety Data Sheet		
SL	Surface Limit		
STEL	Short Term Exposure Limit		
STOT RE	Specific target organ toxicity - Repeated exposure		
STOT SE			
SVHC	Specific target organ toxicity - Single exposure		
TCSI	Substance of very high concern Taiwan Chemical Substance Inventory		
TDG	· · · · · · · · · · · · · · · · · · ·		
TRGS	Transport of Dangerous Goods (Canada)		
TSCA	Technical Rule for Hazardous Substances Toxic Substances Control Act (United States)		
TWA			
	Time-Weighted Average		
UN	United Nations		
VOC	Volatile organic compounds		
vPvB	Very Persistent and Very Bioaccumulative		
vPvM	Very Persistent and Very Mobile		

Sen+	Sensitizer
Sk*	Skin designation
**	Hazard 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		
Mutagenicity	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		
Ozone	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)

European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)

European Chemicals Agency (ECHA) (ECHA_API)

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)

National Institute of Technology and Evaluation (NITE)

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)

U.S. 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

Revision Date 12-19-2024 Revision Note 12-19-2024 General review

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

Disclaimer

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End of Safety Data Sheet