SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation of the mixture	HyVolt III
Registration number	-
Synonyms	None.
SDS number	AA03157-0000000295

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

Identified uses	Transformer Oil
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

	Ergon, Inc. P.O. Box 1639 Jackson, MS 39181 USA
Supplied By:	Ergon International, Inc. Drève Richelle 161 Building C B-1410 Waterloo, Belgium
Emergency Phone Numbers:	
US Customer Service:	+ 1-800-222-7122
Chemtrec:	+ 1-800-424-9300 After Business Hours (North America) + 1-703-527.-3887 (International), +32-28083237 (Belgium) +33-975181407 (France) +49-69643508409 (Germany) +39-0245557031 (Italy) +34-931768545 (Spain)
E-mail:	sds@ergon.com
Poison Centre (Centre Antipoisons - Belgium):	+32022649636

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards		
Aspiration hazard	Category 1	H304 - May be fatal if swallowed and enters airways.
Environmental hazards		
Hazardous to the aquatic environment, long-term aquatic hazard	Category 3	H412 - Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: Distillates (petroleum), hydrotreated light, Distillates (petroleum), hydrotreated light paraffinic, Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

Hazard pictograms

Signal word Danger

Hazard statements

H304	May be fatal if swallowed and enters airways.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

P260	Do not breathe fume/gas/mist/vapors/spray.
P273	Avoid release to the environment.

Response

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/.
P331	Do NOT induce vomiting.

Storage

P405	Store locked up.

Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information None.

2.3. Other hazards None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Distillates (petroleum), hydrotreated light naphthenic	30 - 99,6	64742-53-6 265-156-6	01-2119480375-34	649-466-00-2	
Classification: -					L
Distillates (petroleum), hydrotreated light	0 - 55	64742-47-8 265-149-8	01-2119484819-18	649-422-00-2	
Classification: Flam. Liq. 3;H226, Skin Irrit. 2;H315, STOT SE 3;H336, Asp. Tox. 1;H304, Aquatic Chronic 2;H411					
Distillates (petroleum), hydrotreated light paraffinic	0 - 50	64742-55-8 265-158-7	01-2119487077-29	649-468-00-3	
Classification: Asp. Tox. 1;H304					L
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	0 - 20	72623-87-1 276-738-4	01-2119474889-13	649-483-00-5	
Classification: Asp. Tox. 1;H304					L
2,6-Di-tert-butyl-p-cresol	< 0,4	128-37-0 204-881-4	01-2119565113-46	-	
Classification: Aquatic Acute 1;H400, Aquatic Chronic 1;H410					
Other components below reportable levels	15,37	N/A 232-443-2	-	649-262-00-3	
Classification: Acute Tox. 1;H310					

List of abbreviations and symbols that may be used above

Note L - The harmonized classification as a carcinogen does not apply because the substance contains less than 3 % DMSO extractable material as measured by IP 346.

Composition comments The full text for all H-statements is displayed in section 16. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
4.2. Most important symptoms and effects, both acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. Defatting of the skin. Dizziness. Headache. Nausea, vomiting.
4.3. Indication of any immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards	No unusual fire or explosion hazards noted.
5.1. Extinguishing media	
Suitable extinguishing media	Water Spray or Fog. Dry chemical powder. Carbon dioxide (CO2). Halon.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising from the substance or mixture	During fire, gases hazardous to health may be formed.
5.3. Advice for firefighters	
Special protective equipment for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material. Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained.
For emergency responders	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
6.2. Environmental precautions	Avoid discharge into drains, water courses or onto the ground. If this material is spilled into navigable waters and creates a visible sheen, it is reportable to the National Response Center.
6.3. Methods and material for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). The product is immiscible with water and will spread on the water surface. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. The product is insoluble in water.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling	Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
7.2. Conditions for safe storage, including any incompatibilities	Store locked up. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).
7.3. Specific end use(s)	Observe industrial sector guidance on best practices.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Belgium. OEL. Exposure Limit Values to Chemical Substances at Work, Code of Well-being at work, Book VI, Title 1 - Chemical agents, as amended

Constituents	Type	Value	Form
Oil mist, mineral	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

Bulgaria. OELs. Ordinance No 13 on protection of workers against risks of exposure to chemical agents at work, as amended

Constituents	Type	Value
Oil mist, mineral	TWA	5 mg/m3

Czech Republic. Occupational exposure limit values of chemicals at work (Decree on protection of health at work, 361/2007, Annex 2, Part A & Annex 3, Part A, as amended)

Constituents	Type	Value	Form
Oil mist, mineral	Ceiling	10 mg/m3	Aerosol.
	TWA	5 mg/m3	Aerosol.

Denmark. Work Environment Authority. Exposure Limits for Substances & Materials, Annex 2

Constituents	Type	Value	Form
Oil mist, mineral	STEL	2 mg/m3	Mist.
	TLV	1 mg/m3	Mist.

Finland. HTP-arvot, App 3., Binding Limit Values, Social Affairs and Ministry of Health

Constituents	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Mist.

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as updated

Constituents	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Respirable fraction.

Greece. OELs, Presidential Decree No. 307/1986, as amended

Constituents	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Mist.

Hungary. OELs. Decree on protection of workers exposed to chemical agents (5/2020. (II.6)), Annex 1&2, as amended

Constituents	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Mist.

Iceland. OELs. Regulation 390/2009 on Pollution Limits and Measures to Reduce Pollution at the Workplace, as amended

Constituents	Type	Value	Form
Oil mist, mineral	TWA	1 mg/m3	Mist.

Ireland. OELVs, Schedules 1 & 2, Code of Practice for Chemical Agents and Carcinogens Regulations

Constituents	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Inhalable fraction.

Italy. OELs (Legislative Decree n.81, 9 April 2008), as amended

Constituents	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Inhalable fraction.

Latvia. OELs. Occupational Exposure Limits of Chemical Substances at Workplace (Reg. No. 325/ 2007, L.V. 80, Annex 1), as amended

Constituents	Type	Value
Oil mist, mineral	TWA	5 mg/m3

Lithuania. OELs. Occupational Exposure Limit Values for Chemical Substances (Hygiene Norm HN 23:2011; Order No. V-824/A1-389), as amended

Constituents	Type	Value	Form
Oil mist, mineral	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.

Netherlands. OELs per Annex XIII of Working Conditions Regulation (Staatscourant 2006, 252, as amended)

Constituents	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Mist.

Norway. Regulation No. 1358 on Measures and Limit Values for Physical and Chemical Factors in Work Environment and Infection Groups for Biological Factors, as amended

Constituents	Type	Value	Form
Oil mist, mineral	TLV	1 mg/m3	Mist.

Poland. Maximum permissible concentrations and intensities of harmful factors in the work environment (Dz.U.Poz. 1286/2018, Annex 1)

Constituents	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Inhalable fraction.

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796-2014)

Constituents	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Inhalable fraction.

Romania. OELs. Limit Values of Chemical Agents at Workplace (Regulation 1.218/2006, M.O 845, Annex 1, 3&4, as amended)

Constituents	Type	Value
Oil mist, mineral	STEL	10 mg/m3
	TWA	5 mg/m3

Slovakia. OELs. Maximum permissible exposure limits for chemical factors in workplace air (Regulation No 355/2006, Annex 1, Table 1, as amended)

Constituents	Type	Value	Form
Oil mist, mineral	STEL	3 mg/m3	Fume and mist.
		15 ppm	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
		5 ppm	Fume and mist.

Spain. OELs. INSST, Límites de Exposición Profesional Para Agentes Químicos, Table 1-Valores Límites Ambientales (VLAs)

Constituents	Type	Value	Form
Oil mist, mineral	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

Sweden. OELs (Annex 1). Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2018:1), as amended

Constituents	Type	Value	Form
Oil mist, mineral	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.

Switzerland. SUVA Grenzwerte am Arbeitsplatz: Aktuelle MAK-Werte

Constituents	Type	Value	Form
Oil mist, mineral	TWA	5 mg/m3	Inhalable fraction.

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs) Not available.

Exposure guidelines

Austria MAK: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Belgium OELs: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Croatia ELVs: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Czech Republic PELs: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Denmark GV: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Estonia OELs: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

EU. OELs from Annex III, Part A to Directive 2004/37/EC: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

France Mandatory OELs (VLEP): Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Iceland OELs: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Ireland Exposure Limit Values: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Italy OELs: Skin designation

Highly refined mineral oil (CAS -) Danger of cutaneous absorption

Lithuania OELs: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Netherlands OELs of Working Conditions Regulation: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Romania OELs: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

Sweden Threshold Limit Values: Skin designation

Highly refined mineral oil (CAS -) Can be absorbed through the skin.

8.2. Exposure controls

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

General information Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection Wear safety glasses with side shields (or goggles). Face shield is recommended.

Skin protection

- Hand protection Wear suitable gloves tested to EN374. Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves. When prolonged or frequent repeated contact occurs, Nitrile gloves may be suitable. (Breakthrough time of > 240 minutes.) For incidental contact/splash protection Neoprene, PVC gloves may be suitable.

- Other Wear appropriate chemical resistant clothing. Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

Hygiene measures Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Form	Liquid.
Color	L0.5
Odor	Mild Petroleum Odor
Melting point/freezing point	-81,4 °F (-63 °C) ASTM D5950/ISO 3016
Boiling point or initial boiling point and boiling range	548,6 °F (287 °C) ASTM D2887/ ISO 3294
Flammability	Will burn if involved in a fire.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not determined.
Explosive limit - upper (%)	Not determined.
Flash point	312,8 °F (156,0 °C)
Auto-ignition temperature	≥599 °F (≥315 °C) ASTM E659
Decomposition temperature	Not determined.
pH	Not applicable.
Kinematic viscosity	9,4 mm²/s ISO 3104 (104 °F (40 °C))
Solubility	
Solubility (water)	Insoluble in water.
Partition coefficient (n-octanol/water) (log value)	Not applicable, product is a mixture.
Vapor pressure	Not determined.
Density and/or relative density	
Relative density	0,88 (68 °F (20 °C) ASTM D4052/ ISO 12185)
Vapor density	Not determined.
Particle characteristics	
Particle size	Not applicable, material is a liquid.

9.2. Other information

9.2.1. Information with regard to physical hazard classes	No relevant additional information available.
9.2.2. Other safety characteristics	No relevant additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Contact with incompatible materials. Keep away from heat, sparks and open flame. Avoid temperatures exceeding the flash point.
10.5. Incompatible materials	Strong oxidizing agents.
10.6. Hazardous decomposition products	No hazardous decomposition products are known.

SECTION 11: Toxicological information

General information	Occupational exposure to the substance or mixture may cause adverse effects.
Information on likely routes of exposure	
Inhalation	Prolonged inhalation may be harmful.
Skin contact	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms	Defatting of the skin. Aspiration may cause pulmonary edema and pneumonitis.

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

Acute toxicity

Components	Species	Test Results
2,6-Di-tert-butyl-p-cresol (CAS 128-37-0)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg, 24 Hours
Oral		
LD50	Rat	> 6000 mg/kg
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
Inhalation		
Vapor		
LC50	Rat	> 5,28 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Distillates (petroleum), hydrotreated light naphthenic (CAS 64742-53-6)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
Aerosol		
LC50	Rat	> 5,53 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Distillates (petroleum), hydrotreated light paraffinic (CAS 64742-55-8)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
Aerosol		
LC50	Rat	> 5,53 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (CAS 72623-87-1)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
Aerosol		
LC50	Rat	> 5,53 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg

Components	Species	Test Results
Other components below reportable levels		
Acute		
Oral		
	Rat	> 5000 mg/kg

Skin corrosion/irritation Based on available data, the classification criteria are not met. May cause defatting of the skin, but is neither an irritant nor a sensitizer.

Corrosivity

2,6-Di-tert-butyl-p-cresol
OECD Test Guideline 404
Result: No skin irritation.
Species: Rabbit

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

Eye

2,6-Di-tert-butyl-p-cresol
OECD Test Guideline 405
Result: No eye irritation
Species: Rabbit

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

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

Skin sensitization

2,6-Di-tert-butyl-p-cresol
Human repeat insult patch test (HRIPT)
Result: Negative
Species: Human

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

Germ cell mutagenicity: Ames test

2,6-Di-tert-butyl-p-cresol
In vitro
Result: Negative

Germ cell mutagenicity: Chromosome Aberration

2,6-Di-tert-butyl-p-cresol
In vitro
Result: Negative

Mutagenicity

2,6-Di-tert-butyl-p-cresol
In vitro mammalian cell gene mutation test
Result: Negative
In vivo mammalian bone-marrow cytogenetic test, chromosomal analysis
Result: Negative
Species: Rat

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

2,6-Di-tert-butyl-p-cresol
Ingestion
Result: Negative
Species: Rat
Test Duration: 22 months

IARC Monographs. Overall Evaluation of Carcinogenicity

Highly refined mineral oil (CAS -)
3 Not classifiable as to carcinogenicity to humans.

Iceland OELs: Carcinogen

Highly refined mineral oil (CAS -)
Carcinogenic.

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

Reproductivity

2,6-Di-tert-butyl-p-cresol
Embryo-foetal development (Ingestion)
Result: Negative
Species: Rat
Two-generation reproduction toxicity study (Ingestion)
Result: Negative
Species: Rat

Specific target organ toxicity - single exposure Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure

2,6-Di-tert-butyl-p-cresol	25 mg/kg NOAEL (Ingestion) Species: Rat Test Duration: 22 months

Aspiration hazard May be fatal if swallowed and enters airways.

Mixture versus substance information No information available.

11.2. Information on other hazards

Endocrine disrupting properties This substance does not have endocrine disrupting properties with respect to human health, as it does not meet the assessment criteria laid out in Regulation (EC) No. 1272/2008 including the amendments in Delegated Regulation (EU) 2023/707.

Other information Not available.

SECTION 12: Ecological information

12.1. Toxicity Based on available data, the classification criteria are not met for hazardous to the aquatic environment.

12.2. Persistence and degradability Expected to be inherently biodegradable.

12.3. Bioaccumulative potential No data available.

Partition coefficient n-octanol/water (log Kow) Not available.

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment This substance does not meet the criteria for persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) in accordance with Annex XIII of Regulation (EC) No 1907/2006.

12.6. Endocrine disrupting properties This substance does not have endocrine disrupting properties with respect to the environment, as it does not meet the assessment criteria laid out in Regulations (EC) No 1907/2006, (EU) No 2017/2100 and (EU) 2018/605.

12.7. Other adverse effects Substance is not persistent, mobile, and toxic (PMT). Substance is not very persistent and very mobile (vPvM). Oil spills are generally hazardous to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Discourage sewage disposal. Waste should not be disposed of by release to sewers. Dispose of contents/container in accordance with local/regional/national/international regulations.

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number or ID number Not regulated as dangerous goods.

14.2. UN proper shipping name Not regulated as dangerous goods.

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary hazard -

Hazard No. (ADR) Not assigned.

Tunnel restriction code Not assigned.

14.4. Packing group -

14.5. Environmental hazards No.

14.6. Special precautions for user Not assigned.

RID

14.1. UN number or ID number Not regulated as dangerous goods.

14.2. UN proper shipping name Not regulated as dangerous goods.

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary hazard -

14.4. Packing group -

14.5. Environmental hazards No.

14.6. Special precautions for user Not assigned.

ADN

14.1. UN number or ID number Not regulated as dangerous goods.

14.2. UN proper shipping name Not regulated as dangerous goods.

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary hazard -

14.4. Packing group -

14.5. Environmental hazards No.

14.6. Special precautions for user Not assigned.

IATA

14.1. UN number or ID number Not regulated as dangerous goods.

14.2. UN proper shipping name Not regulated as dangerous goods.

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary hazard -

14.4. Packing group -

14.5. Environmental hazards No.

14.6. Special precautions for user Not assigned.

IMDG

14.1. UN number or ID number Not regulated as dangerous goods.

14.2. UN proper shipping name Not regulated as dangerous goods.

14.3. Transport hazard class(es)

Class Not assigned.

Subsidiary hazard -

14.4. Packing group -

14.5. Environmental hazards

Marine pollutant No.

EmS Not assigned.

14.6. Special precautions for user Not assigned.

14.7. Maritime transport in bulk according to IMO instruments Not established.

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered

Not listed.

Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex I, as amended

Not listed.

Regulation 2019/1148 on Marketing and Use of Explosive Precursors, Annex II, as amended

Not listed.

Other EU regulations

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Highly refined mineral oil (CAS -)

Other regulations This product is classified and labelled in accordance with Regulation (EC) No 1272/2008 (CLP), including the amendments introduced by Delegated Regulation (EU) 2023/707. This Safety Data Sheet has been compiled in accordance with Regulation (EC) No 1907/2006 (REACH), as amended by Commission Regulation (EU) 2020/878. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

Netherlands. OELs per Annex XIII of Working Conditions Regulation (Staatscourant 2006, 252, as amended)

Highly refined mineral oil (CAS -)

France regulations

France INRS Table of Occupational Diseases

Highly refined mineral oil (CAS -)	Affections provoquées par les huiles et graisses d'origine minérale ou de synthèse 36

Product registration number C500-C029-G00D-DQUF

15.2. Chemical safety assessment Chemical Safety Assessment has been carried out.

Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16: Other information

List of abbreviations

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: Agreement concerning the International Carriage of Dangerous Goods by Road.
AGW: Occupational threshold limit value (Arbeitsplatzgrenzwert – Germany).
CAS: Chemical Abstract Service.
CEN: European Committee for Standardization.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
IMO: International Maritime Organization.
MAC: Maximum Allowed Concentration.
PBT: Persistent, bioaccumulative and toxic.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
STEL: Short term exposure limit.
TLV: Threshold Limit Value.
TWA: Time Weighted Average.
VLE: Exposure Limit Value.
VME: Exposure Average Value.
vPvB: Very persistent and very bioaccumulative.

References

Chemical safety report.

Information on evaluation method leading to the classification of mixture

Not applicable.

Full text of any statements, which are not written out in full under sections 2 to 15

H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H310 Fatal in contact with skin.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Revision information

None.

Training information

Follow training instructions when handling this material.

Disclaimer

Ergon International cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.