SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision date 12-May-2026 **Revision Number** 2

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

1.1. Product identifier

Product Code(s) 1896695, 1921955, 1921956, 1921957

Product Name Scania Coolant Ready-Mix 52/48

Other means of identification

Unique Formula Identifier (UFI) GV00-N0AJ-N00G-98NF

Pure substance/mixture Mixture

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

Recommended use Antifreeze

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier
Scania CV AB
151 87 Sodertalje
Sweden
TEL: +46855381000
For further information, please contact

E-mail address sds@scania.com

1.4. Emergency telephone number

Emergency Telephone

Chemtrec (Austria): +43 1 3649237 (Local); 0800 293702 (Toll Free)
Chemtrec (Belgium): +32 2 808 32 37
Chemtrec (Bulgaria): +359 32 570 104
Chemtrec (Croatia): +385 1 7776 920
Chemtrec (Czech Republic): +420 228 880 039
Chemtrec (Denmark): +45 69 91 85 73
Chemtrec (Estonia): +372 668 1294
Chemtrec (Finland): +358 9 42725036
Chemtrec (France): +33 9 75 18 14 07
Chemtrec (Germany): 0800 1817059
Chemtrec (Greece): EMEA regional number +44 20 3885 0382
Chemtrec (Hungary): +36 1 808 8425
Chemtrec (Ireland): +353 1 901 4670
Chemtrec (Italy): +39 02 4555 7031 (Local); 800 789 767 (Toll Free)
Chemtrec (Lithuania): +370 5 214 0238
Chemtrec (Luxembourg): +352 20 20 24 16
Chemtrec (Macedonia): EMEA regional number +44 20 3885 0382
Chemtrec (Netherlands): +31 85 888 0596
Chemtrec (Poland): +48 22 398 80 29
Chemtrec (Portugal): +351 308 801 773
Chemtrec (Romania): +40 376 300 026

Chemtrec (Slovakia): +421 2/330 579 72
Chemtrec (Slovenia): +386 1 888 80 16
Chemtrec (Spain): +34-931768545 (Local); 900 868 538 (Toll Free)
Chemtrec (Sweden): +46 8 525 034 03
Chemtrec (Switzerland): +41-435082011 (Local); 0800 564 402 (Toll Free)

Emergency Telephone - §45 - (EC)1272/2008	
Europe	**112**
Austria	+43 1 406 43 43
Belgium	+32 (0) 70 245 245
Bosnia and Herzegovina	+387 33762606
Bulgaria	+359 2 9154 233
Croatia	+385 1 2348 342
Cyprus	+357 1401
Czech Republic	+420 224 91 92 93
Denmark	+45 82 12 12 12
Estonia	+372 16662
Finland	+358 9 471 977
France	+33 (0)1 45 42 59 59
Greece	+30 210 7793777
Hungary	+36 80 201 199
Iceland	+354 112; +354 543 22 22
Latvia	+371 112 (Poison Information Centre), +371 67042473
Lichtenstein	+43 1 406 43 43
Lithuania	+370 (5) 236 20 52
Luxembourg	+352 8002 5500
Malta	1774 (available 8 am - 8 pm)
Netherlands	+31 (0) 88 755 8000
Norway	+47 22 59 13 00
Portugal	+351 800 250 250 (CIAV)
Romania	+40 (0) 21 599 2300 (8 am - 3 pm); +40 (0)21 112 (available 24/7)
Serbia	+381 11 3608 440
Slovakia	+421 2 5477 4166
Slovenia	+386 112
Spain	+34 91 562 04 20
Sweden	+46 112 (ask for the Swedish Poisons Information Centre – Giftinformation)
Switzerland	+45 145, Aus dem Ausland: +45 44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Acute toxicity - Oral	Category 4 - (H302)
Specific target organ toxicity (repeated exposure)	Category 2 - (H373)

2.2. Label elements

Contains Ethylene Glycol

Signal word
Warning

Hazard statements
H302 - Harmful if swallowed.
H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements - EU (§28, 1272/2008)
P260 - Do not breathe vapour or mist.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P314 - Get medical advice/attention if you feel unwell.
P501 - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Unknown acute toxicity
2.99 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

Additional information
This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

Other hazards No information available.

PBT or vPvB properties The mixture does not contain any substances meeting the PBT or vPvB criteria according to Regulation (EC) No 1907/2006, Annex XIII.

Endocrine Disruptor Information The mixture does not contain substances >= 0.1% that have endocrine disrupting properties according to Regulation (EC) No 1907/2006, Article 59(1) or Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical name	Weight-%	REACH registration number	EC No. (Index No.)	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)	Notes
Ethylene Glycol 107-21-1	50 - < 75	01-2119456816-28	203-473-3 (603-027-00-1)	Acute Tox. 4 (H302) STOT RE 2 (H373)	-	-	-	-
Decanedioic acid, disodium salt 17265-14-4	1 - < 3	No data available	241-300-3	Eye Irrit. 2 (H319)	-	-	-	-

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

Acute Toxicity Estimate

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm

Chemical name	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 - 4 hour - dust/mist - mg/L	Inhalation LC50 - 4 hour - vapour - mg/L	Inhalation LC50 - 4 hour - gas - ppm
Ethylene Glycol 107-21-1	4700	10600	3.7538	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)

Chemical name	CAS No.	SVHC candidates
Ethylene Glycol	107-21-1	
Non-hazardous ingredients	-	
Decanedioic acid, disodium salt	17265-14-4	

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.

Skin contact Wash with soap and water. Get medical attention if symptoms occur.

Ingestion Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a doctor.

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

Symptoms None known.

Effects of Exposure May cause damage to organs through prolonged or repeated exposure.

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Water spray. Foam. Dry extinguishing powder.

Unsuitable extinguishing media None known based on information supplied.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical None known.

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 protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Ensure adequate ventilation. Do not breathe vapour or mist. Use personal protective equipment as required.
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	Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly.
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	Handle in accordance with good industrial hygiene and safety practice. Use with local exhaust ventilation. Do not breathe vapour or mist. Use personal protective equipment.
General hygiene considerations	Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place.
Storage class (TRGS 510)	LGK 10.

7.3. Specific end use(s)

Specific use(s)
See section 1 for more information.

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
Ethylene Glycol 107-21-1	TWA: 20 ppm; TWA: 52 mg/m³; STEL: 40 ppm; STEL: 104 mg/m³; pSk

Chemical name	Austria	Belgium	Bulgaria	Croatia
Ethylene Glycol 107-21-1	TWA-TMW: 10 ppm; TWA-TMW: 26 mg/m³; STEL-KZGW: 20 ppm (8 X 5 min); STEL-KZGW: 52 mg/m³ (8 X 5 min); Sk	TWA: 20 ppm; aerosol TWA: 52 mg/m³; aerosol STEL: 40 ppm; aerosol STEL: 104 mg/m³; aerosol Sd	TWA: 52 mg/m³; TWA: 20 ppm; STEL: 40 ppm; STEL: 104 mg/m³; Sk	TWA-GVI: 20 ppm; TWA-GVI: 52 mg/m³; STEL-KGVI: 40 ppm; STEL-KGVI: 104 mg/m³; Sk

Chemical name	Cyprus	Czech Republic	Denmark	Estonia
Ethylene Glycol 107-21-1	TWA: 20 ppm; TWA: 52 mg/m³; STEL: 40 ppm; STEL: 104 mg/m³; pSk	TWA: 50 mg/m³; Ceiling: 100 mg/m³; pSk	TWA: 10 ppm; TWA: 26 mg/m³; TWA: 10 mg/m³; atomized STEL: 104 mg/m³; STEL: 40 ppm; STEL: 20 mg/m³; atomized pSk	TWA: 20 ppm; total concentration of aerosol and vapor TWA: 52 mg/m³; total concentration of aerosol and vapor STEL: 40 ppm; total concentration of aerosol and vapor STEL: 104 mg/m³; total concentration of aerosol and vapor Sk

Chemical name	Finland	France	Germany TRGS	Germany (DFG)
Ethylene Glycol 107-21-1	TWA: 20 ppm; TWA: 50 mg/m³; STEL: 40 ppm; STEL: 100 mg/m³; pSk	TWA-VME (indicatif): 20 ppm; vapor TWA-VME (indicatif): 52 mg/m³; vapor STEL-VLCT (indicatif): 40 ppm; vapor STEL-VLCT (indicatif): 104 mg/m³; vapor dSk	TWA-AGW; 10 ppm (2(I)); TWA-AGW; 26 mg/m³ (2(I)); Sk	TWA-MAK: 10 ppm; I(2); TWA-MAK: 26 mg/m³; I(2); Sk

Chemical name	Greece	Hungary	Italy MDLPS	Italy (AIDII)
Ethylene Glycol 107-21-1	TWA: 50 ppm; vapor TWA: 125 mg/m³; vapor STEL: 50 ppm; vapor STEL: 125 mg/m³; vapor	TWA-AK: 20 ppm; TWA-AK: 52 mg/m³; STEL-CK: 40 ppm; STEL-CK: 104 mg/m³; pSk	TWA: 20 ppm; TWA: 52 mg/m³; STEL: 40 ppm; STEL: 104 mg/m³; pSk	TWA: 25 ppm; vapor fraction STEL (REL): 50 ppm; vapor STEL (REL): 10 mg/m³; inhalable fraction and aerosol

Chemical name	Ireland	Latvia	Lithuania	Luxembourg
Ethylene Glycol 107-21-1	TWA: 20 ppm; TWA: 52 mg/m³; STEL: 40 ppm; STEL: 104 mg/m³; pSk	TWA: 20 ppm; TWA: 52 mg/m³; STEL: 40 ppm; STEL: 104 mg/m³; pSk	TWA-IPRD: 10 ppm; aerosol and vapor TWA-IPRD: 25 mg/m³; aerosol and vapor STEL-TPRD: 20 ppm; aerosol and vapor STEL-TPRD: 50 mg/m³; aerosol and vapor	TWA: 20 ppm; TWA: 52 mg/m³; STEL: 40 ppm; STEL: 104 mg/m³; pSk

			Sk	
Chemical name	Malta	Netherlands	Norway	Poland
Ethylene Glycol 107-21-1	TWA: 20 ppm; TWA: 52 mg/m³; STEL: 40 ppm; STEL: 104 mg/m³; pSk	TWA: 52 mg/m³; vapour TWA: 10 mg/m³; droplet STEL: 40 ppm; vapour STEL: 104 mg/m³; vapour Sk	TWA: 20 ppm; TWA: 52 mg/m³; STEL: 104 mg/m³ (total sum of gas and particulate matter (aerosol) of the substance;value from the regulation); STEL: 40 ppm (total sum of gas and particulate matter (aerosol) of the substance;value from the regulation); Sk	TWA-NDS: 15 mg/m³; STEL-NDSCh: 50 mg/m³; Sk
Chemical name	Portugal	Romania	Slovakia	Slovenia
Ethylene Glycol 107-21-1	TWA (VLE-MP): 20 ppm; TWA (VLE-MP): 52 mg/m³; STEL (VLE-CD): 40 ppm; STEL (VLE-CD): 104 mg/m³; Ceiling (VLE-CM): 100 mg/m³; aerosol only pSk	TWA: 20 ppm; TWA: 52 mg/m³; STEL: 40 ppm; STEL: 104 mg/m³; Sk	TWA: 20 ppm; TWA: 52 mg/m³; Ceiling: 104 mg/m³; pSk	TWA: 20 ppm; TWA: 52 mg/m³; STEL: 40 ppm; STEL: 104 mg/m³; pSk
Chemical name	Spain	Sweden	Switzerland	United Kingdom
Ethylene Glycol 107-21-1	TWA-(VLA-ED): 20 ppm; TWA-(VLA-ED): 52 mg/m³; STEL (VLA-EC): 40 ppm; STEL (VLA-EC): 104 mg/m³; pSk	TLV-NGV: 10 ppm; aerosol and vapor TLV-NGV: 25 mg/m³; aerosol and vapor STEL (Bindande KGV): 40 ppm; aerosol and vapor STEL (Bindande KGV): 104 mg/m³; aerosol and vapor Sk	TWA-MAK: 10 ppm; aerosol, vapour TWA-MAK: 26 mg/m³; aerosol, vapour STEL-KZGW: 20 ppm; aerosol, vapour STEL-KZGW: 52 mg/m³; aerosol, vapour Sk	TWA: 10 mg/m³; particulate TWA: 20 ppm; vapour TWA: 52 mg/m³; vapour STEL: 40 ppm; vapour STEL: 104 mg/m³; vapour STEL: 30 mg/m³; particulate pSk

Note See section 16 for terms and abbreviations

Biological occupational exposure limits This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Ethylene Glycol 107-21-1	-	106 mg/kg bw/day [4] [6]	35 mg/m³ [5] [6]
Decanedioic acid, disodium salt 17265-14-4	-	10 mg/kg bw/day [4] [6]	35.26 mg/m³ [4] [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
Ethylene Glycol 107-21-1	-	-	7 mg/m³ [5] [6]
Decanedioic acid, disodium salt 17265-14-4	5 mg/kg bw/day [4] [6]	-	8.7 mg/m³ [4] [6]

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

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Decanedioic acid, disodium salt 17265-14-4	0.018 mg/L	0.18 mg/L	0.0018 mg/L	0.18 mg/L	-

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Decanedioic acid, disodium salt 17265-14-4	0.548 mg/kg sediment dw	0.0548 mg/kg sediment dw	10 mg/L	0.0988 mg/kg soil dw	-

8.2. Exposure controls

Engineering controls
Showers
Eyewash stations
Ventilation systems.

Personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles). Eye protection must conform to standard EN 166.

Hand protection
Wear suitable gloves. Gloves must conform to standard EN 374.

Skin and body protection
Wear suitable protective clothing.

Respiratory protection
Use appropriate respiratory protection. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material.

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

Appearance	Pink, liquid
Physical state	Liquid
Colour	Pink
Odour	Characteristic
Odour threshold	No information available

Property	Values	Remarks • Method
Melting point / freezing point		No data available
Boiling point or initial boiling point and boiling range	> 108 °C	
Flammability		Not flammable
Lower and upper explosion limit/flammability limit		
Lower explosion limit		No data available
Upper explosion limit		No data available
Flash point		None
Autoignition temperature	511 °C	DIN EN 14522
Decomposition temperature		No data available
SADT (°C)		No data available
pH	7.8 - 8.6	ASTM D1287
pH (as aqueous solution)		No data available
Kinematic viscosity		
Dynamic viscosity		No data available
Water solubility	Miscible in water	
Solubility	Soluble in: Alcohols	
Partition coefficient n-octanol/water (log value)		No data available
Vapour pressure	17 hPa @ 20◦C	
	85 hPa @ 50◦C	
	105 hPa @ 55◦C	
Density and/or relative density	1.077 g/cm³ @ 15◦C	DIN 51757
	1.075 g/cm³ @ 20◦C	
	1.055 g/cm³ @ 50◦C	
Bulk density		No data available
Liquid Density		No data available
Relative vapour density		No data available
Particle characteristics		
Particle Size		No data available
Particle Size Distribution		No data available

9.2. Other information

Molecular weight	No information available
VOC content	No information available
Softening point	No information available

9.2.1. Information with regards to physical hazard classes

No information available

Oxidising properties	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 Incompatible materials.

10.5. Incompatible materials

Incompatible materials Strong acids.

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. Contact with eyes may cause irritation.
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. Harmful if swallowed. (based on components).

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms None known.

Acute toxicity Harmful if swallowed.

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (oral)	666.80 mg/kg

Unknown acute toxicity

2.99 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol	= 4700 mg/kg (Rat)	= 10600 mg/kg (Rat)	> 2.5 mg/L (Rat) 6 h

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

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 sensitisation 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.

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

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

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

H373 - May cause damage to the following organs through prolonged or repeated exposure: Kidneys.

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 disruption for human health 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 Based on available data, the classification criteria are not met.

Aquatic toxicity

Component Information

Chemical name	Fish	Crustacea	Algae/aquatic plants	Toxicity to microorganisms
Ethylene Glycol	LC50: =41000mg/L (96h, Oncorhynchus mykiss) LC50: 14 - 18mL/L (96h, Oncorhynchus mykiss) LC50: =27540mg/L (96h, Lepomis macrochirus) LC50: =40761mg/L (96h, Oncorhynchus mykiss) LC50: 40000 - 60000mg/L (96h, Pimephales promelas) LC50: =16000mg/L (96h, Poecilia reticulata)	EC50: =46300mg/L (48h, Daphnia magna)	EC50: 6500 - 13000mg/L (96h, Pseudokirchneriella subcapitata)	-

12.2. Persistence and degradability No information available.

12.3. Bioaccumulative potential

Chemical name	Partition coefficient	Bioconcentration factor (BCF)	Trophic magnification factor (TMF)
Ethylene Glycol	-1.36	-	-
Decanedioic acid, disodium salt	-4.9	-	-

12.4. Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment This product does not contain any substances that are assessed to be a PBT or a vPvB.

Chemical name	PBT and vPvB assessment
Ethylene Glycol	Not PBT/vPvB
Decanedioic acid, disodium salt	Not PBT/vPvB

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

12.7. 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 Dispose of in accordance with local regulations. Dispose of waste in accordance with

products	environmental legislation.
Contaminated packaging	Do not reuse empty containers.

SECTION 14: Transport information

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
14.5 Environmental hazards	Not applicable
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
14.4 Packing group	Not regulated
14.5 Environmental hazards	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 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
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user Special Provisions	None

ADR

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
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user Special Provisions	None

ADN

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
14.5 Environmental hazard	Not applicable
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

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
Ethylene Glycol 107-21-1	RG 84

Germany

Water hazard class (WGK) slightly hazardous to water (WGK 1)

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 10/12
WPO (GSchV) SR 814.201; WPA (GSchG) SR 814.20 Class B
Major Accidents Ordinance SR 814.012 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.

Authorisations and/or restrictions on use:

Use restricted. See item: 3.

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 2024/590

Not applicable.

Explosives Precursors Marketing and Use (2019/1148)

Not applicable.

International Inventories

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

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 Chemicals Inventory
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals
TCSI - Taiwan Chemical Substance Inventory

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information

Full text of any hazard and/or precautionary statements referred to under Sections 2-15
H302 - Harmful if swallowed
H319 - Causes serious eye irritation
H373 - May cause damage to organs through prolonged or repeated exposure
P264 - Wash face, hands and any exposed skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
P330 - Rinse mouth
P501 - Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable
P260 - Do not breathe dust, fume, gas, mist, vapors and spray
P314 - Get medical advice/attention if you feel unwell

Key or legend to abbreviations and acronyms used in the safety data sheet
List may include phrases which are not applicable to this product

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	European Chemicals Agency
EC Number	European Community number
EmS	Emergency Schedule
ENCS	Existing and New Chemical Substances (Japan)
EPA	U.S. Environmental Protection Agency
EWC	European Waste Codes

GHS	Globally Harmonized System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO	International Civil Aviation Organisation
IECSC	Inventory of Existing Chemical Substances in China
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Organisation for Standardisation
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)
MAK	Maximum Concentration at the Workplace
MAL	Measuring Technical Hygienic Air Needs
MARPOL	International Convention for the Prevention of Pollution from Ships
MDLPS	Ministry of Labour 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	Occupational exposure limits
PBT	Persistent, Bioaccumulative and Toxic substance
PICCS	Philippines Inventory of Chemicals and Chemical Substances
PMT	Persistent, Mobile and Toxic
PPE	Personal protective equipment
QSAR	Quantitative Structure Activity Relationship
REACH	Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH) Regulation (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	Specific target organ toxicity - Single exposure
SVHC	Substance of very high concern
TCSI	Taiwan Chemical Substance Inventory
TDG	Transport of Dangerous Goods (Canada)
TRGS	Technical Rule for Hazardous Substances
TSCA	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
As	Allergenic substance
C	Carcinogen
DS	Dermal Sensitizer
Ot	Ototoxicant
pOt	Ototoxicant - potential to cause hearing disorders
PS	Photosensitiser
RS	Respiratory Sensitiser

S	Sensitiser
poS	Sensitizer - capable of causing occupational asthma
Sa	Simple asphyxiant
Sd	Skin designation
pSd	Skin designation - potential for cutaneous absorption
Sdv	Skin designation - vacated
Sk	Skin notation
dSk	Skin notation - danger of cutaneous absorption
pSk	Skin notation - potential for cutaneous absorption

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 - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Chronic aquatic toxicity	Calculation method
Acute aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS
U.S. 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)
U.S. Environmental Protection Agency
U.S. EPA 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 National Institute of Technology and Evaluation (NITE)
Australian 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)
International Organization for Economic Co-operation and Development (OECD) Environment, Health, and Safety Publications
International Organization for Economic Co-operation and Development (OECD) High Production Volume Chemicals Program
International Organization for Economic Co-operation and Development (OECD) Screening Information Data Set
United Nations World Health Organization (WHO)

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Disclaimer

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End of Safety Data Sheet