SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Vietnam, Decree No. 113/2017/ND-CP, Circular no. 32/2017/TT-BCT

Chemical codes and product name
CAS No. No information available
UN number or ID number Not regulated
EC No. (Index No.) No information available
Hazard rating of standard rating organizations (if applicable): No information available

Health hazards	Flammability	Instability	Special hazards
1	1	0	-

Registration number in other countries (if applicable):
No information available

Issuing Date 12-May-2026 **Revision date** 12-May-2026 **Revision Number** 1

1. Identification

Common name of chemical No information available

Trading name **Scania Coolant Ready-Mix 52/48**

Other names None

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

Name and address of supplier or importer

Supplier
Scania CV AB
151 87 Sodertalje
Sweden
TEL: +46855381000

Name and address of manufacturer

Manufacturer No information available

E-mail address sds@scania.com

Intended use

Recommended use Antifreeze

Restrictions on use No information available

Contact in emergency:

Emergency Telephone Chemtrec (Asia Pacific region): +65 3163 8374

2. Hazard(s) identification

1 Classification of the substance or mixture

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

2 Hazard warning

Signal word Warning

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

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Do not breathe vapor or mist.
Precautionary Statements - Response
Get medical advice/attention if you feel unwell.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Rinse mouth.
Precautionary Statements - Disposal
Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Other hazards which do not result in classification
No information available.

3 Route of exposure and symptoms

Eye contact	Specific test data for the substance or mixture is not available. Contact with eyes may cause irritation.
Inhalation	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. Harmful if swallowed. (based on components).
Symptoms	None known.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%
Ethylene Glycol	107-21-1	50 - < 75
Decanedioic acid, disodium salt	17265-14-4	1 - < 3

4. First-aid measures

Description of necessary first aid measures

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

1 For accidents with exposure of eye

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

2 For accidents with exposure of skin
Wash skin with soap and water. Get medical attention if symptoms occur.

3 For accidents with exposure by inhalation
Remove to fresh air.

4 For accidents with exposure by swallowing
Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician.

5 Note to physicians
Treat symptomatically.

Symptoms
None known.

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

Self-protection of the first aider
No information available.

5. Fire-fighting measures

1 Flammable properties
Not applicable.

2 Hazardous combustion products
No information available.

3 Agents that cause fire and explosion or other specific hazards
None known.

4 Appropriate fire extinguishers and fire fighting instructions, other combined measures
Suitable Extinguishing Media
Water spray. Foam. Dry extinguishing powder.

Unsuitable extinguishing media
None known based on information supplied.

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

6 Special attention to fire and explosion

Explosion data
Sensitivity to mechanical impact None
Sensitivity to static discharge None.

6. Accidental release measures

1 When there is small scale leakage or spilling

Small spill	Use personal protective equipment as required. Collect and dispose. See Sections 8 & 13 for additional information.

2 When there is large scale leakage or spilling

Personal precautions	Ensure adequate ventilation. Do not breathe vapor or mist. Use personal protective

equipment as required.

Environmental precautions See Section 12 for additional Ecological Information.

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 labeled containers. Clean contaminated surface thoroughly.

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

7. Handling and storage

1 Measures and conditions to be applied when using or working with dangerous chemicals
Handle in accordance with good industrial hygiene and safety practice. Use with local exhaust ventilation. Do not breathe vapor or mist. Use personal protective equipment.

2 Measures and conditions to be applied when storing chemicals
Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Strong acids.

8. Exposure controls/personal protection

1 Measures necessary to limit exposure
Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Chemical name	Vietnam	ACGIH TLV
Ethylene Glycol 107-21-1	TWA: 10mg/m³; particulate TWA: 60mg/m³; vapor STEL: 20mg/m³; particulate STEL: 125mg/m³; vapor	TWA: 25 ppm vapor fraction STEL: 50 ppm vapor fraction STEL: 10 mg/m³ inhalable particulate matter, aerosol only

Note See section 16 for terms and abbreviations

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

Appropriate engineering controls
Showers
Eyewash stations
Ventilation systems.

2 Personal protective equipment when working

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear suitable protective clothing.

Hand protection Wear suitable gloves.

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

3 Protective equipment when responding to an incident
Additional protective equipment such as chemically resistant suit, boots and face shield should be used based upon task being performed.

4 Hygiene Measures
Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Pink, liquid
Physical state	Liquid
Color	Pink
Odor	Characteristic

Property	**Values**	**Remarks • Method**
pH	7.8 - 8.6	ASTM D1287
Melting point / freezing point		No data available
Initial boiling point and boiling range	> 108 °C / > 226.4 °F	
Flash point		None
Evaporation rate		No data available
Flammability		Not flammable
Flammability Limit in Air		
Upper flammability or explosive limits		No data available
Lower flammability or explosive limits		No data available
Vapor pressure	17 hPa @ 20°C	
	85 hPa @ 50°C	
	105 hPa @ 55°C	
Relative vapor density		No data available
Relative density	1.077 g/cm³ @ 15°C	DIN 51757
	1.075 g/cm³ @ 20°C	
	1.055 g/cm³ @ 50°C	
Water solubility	Miscible in water	
Solubility in other solvents	Soluble in: Alcohols	
Partition coefficient		No data available
Autoignition temperature	511 °C / 951.8 °F	DIN EN 14522
Decomposition temperature		No data available
SADT (°C)		No data available
Kinematic viscosity		
Dynamic viscosity		No data available

Other information

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

Information with regard to physical hazard classes

Explosives	
Explosive properties	No information available
Oxidizing properties	No information available

10. Stability and reactivity

1 Stability

Stable under normal conditions.

2 Reactivity

Stable.

Hazardous decomposition products
No information available.
Possibility of hazardous reactions

No information available.

Incompatible materials
Strong acids.

Conditions to avoid
Incompatible materials.

Hazardous polymerization
No information available.

11. Toxicological information

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	No information available.
Serious eye damage/eye irritation	No information available.
Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

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

Aspiration hazard No information available.

12. Ecological information

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

Aquatic ecotoxicity

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)	-

Persistence and degradability No information available.

Bioaccumulative potential

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

Mobility in soil No information available.

Other adverse effects No information available.

13. Disposal considerations

1 Information on disposal requirements

Take note of national technical regulations on the environment.

2 Hazardous waste classification

National Technical Regulation on the threshold for hazardous waste
Not applicable

3 Waste treatment measures

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

4 Waste destruction by-products, disposal measures

Contaminated packaging
Do not reuse empty containers.

14. Transport information

IMDG	Not regulated
IATA	Not regulated
ADR	Not regulated

15. Regulatory information

1 Declaration status, registered in the regional countries of the world

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

2 Classifying of risk by country

Hazard rating of standard rating organizations (if applicable): No information available

Health hazards	Flammability	Instability	Special hazards
1	1	0	-

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

3 Compliance with technical regulations

Applicable regulations: No applicable information was found

16. Other information

Issuing Date 12-May-2026

Revision date 12-May-2026

Note to the reader: The information in the chemical safety data sheet is compiled with the newest and most valid knowledge of dangerous chemicals and must be used to implement measures to prevent risks and accidents Dangerous chemicals in these sheets have other hazardous properties depending on the circumstances of use and exposure

Revision Note Initial Release.

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
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
CMR	Carcinogen, Mutagen or Reproductive Toxicant
DOT	Department of Transportation (United States)
DSL	Domestic Substances List (Canada)
EmS	Emergency Schedule
ENCS	Existing and New Chemical Substances (Japan)
EPA	U.S. Environmental Protection Agency
GHS	Globally Harmonized System
HMIS	Hazardous Materials Identification 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 Organization
IECSC	Inventory of Existing Chemical Substances in China
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	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)
MARPOL	International Convention for the Prevention of Pollution from Ships
NFPA	National Fire Protection Association
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
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
TCSI	Taiwan Chemical Substance Inventory
TDG	Transport of Dangerous Goods (Canada)
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
DS	Dermal Sensitizer
Ot	Ototoxicant
pOt	Ototoxicant - potential to cause hearing disorders
PS	Photosensitizer
RS	Respiratory Sensitizer
S	Sensitizer
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

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)
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)

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)
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)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet