SAFETY DATA SHEET

This safety data sheet complies with the requirements of:
Regulation of Labeling and Hazard Communication of Hazardous Chemicals

Product Name Scania Coolant Ready-Mix 52/48

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

1. Identification

Product identifier

Product Name Scania Coolant Ready-Mix 52/48

Other names

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

Synonyms None

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Antifreeze

Restrictions on use No information available

Manufacturer, importer or supplier name, address and telephone number

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

E-mail address sds@scania.com

Emergency telephone number

Emergency Telephone Chemtrec (Taiwan): +886 2 7741 4207 (Local)
Chemtrec (Taiwan): 00801-49-1821 (Toll Free)

2. Hazard(s) identification

Chemical hazard classification

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

Label elements

Signal word
Warning

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

Precautionary statements
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 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
No information available.

3. Composition/information on ingredients

Substance
Not applicable.

Mixture

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

4. First-aid measures

Different exposure routes and first aid procedures

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

Inhalation Remove to fresh air.

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

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

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

Most important symptoms and effects

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.
Note to physicians	Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media

Suitable Extinguishing Media	Water spray. Foam. Dry extinguishing powder.
Unsuitable extinguishing media	None known based on information supplied.
Specific hazards arising from the chemical	None known.
Specific/special fire-fighting measures	Fires need to be assessed to determine appropriate protocols and safety measures for firefighting, including establishing safe zones, extinguishing media to be used, firefighter protection, and actions to control or extinguish the fire.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.

6. Accidental release measures

Personal precautions	Ensure adequate ventilation. Do not breathe vapor or mist. Use personal protective equipment as required.
For emergency responders	Use personal protection recommended in Section 8.
Environmental precautions	See Section 12 for additional Ecological Information.
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

Handling	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.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible materials	Strong acids.

8. Exposure controls/personal protection

Engineering controls	Showers Eyewash stations

Ventilation systems.

Control Parameters

Occupational exposure limits

Chemical name	Taiwan	ACGIH TLV
Ethylene Glycol 107-21-1	TWA: 10 mg/m³; mist STEL: 15 mg/m³; mist Ceiling: 50 ppm; vapor Ceiling: 127 mg/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 limit value This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Personal protective equipment

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

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

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

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

9. Physical and chemical properties

Appearance Pink, liquid
Physical state Liquid
Color Pink
Odor Characteristic

Property	Values	Remarks • Method
pH value	7.8 - 8.6	ASTM D1287
Melting point		No data available
Boiling point / boiling range	> 108 °C / > 226.4 °F	
Flash point		None
Evaporation rate		No data available
Flammability (solid, gas)		No data available
Explosive limits		
Upper explosion limit		No data available
Lower explosion limit		No data available
Vapor pressure	17 hPa @ 20◦C 85 hPa @ 50◦C 105 hPa @ 55◦C	
Vapor density		No data available
Density	1.077 g/cm³ @ 15◦C 1.075 g/cm³ @ 20◦C 1.055 g/cm³ @ 50◦C	DIN 51757
Water solubility	Miscible in water	

Solubility	Soluble in: Alcohols	
Partition coefficient n-octanol /water (log KOW)		No data available
Autoignition temperature	511 °C / 951.8	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

Stability Stable under normal conditions.

Possibility of hazardous reactions None under normal processing.

Reactivity No information available.

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Conditions to avoid Incompatible materials.

Incompatible materials Strong acids.

Hazardous decomposition products None known based on information supplied.

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 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

Chronic (long-term) toxicity

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.

Other adverse effects 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

Disposal methods Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. Do not reuse empty containers.

14. Transport information

IMDG Not regulated

IATA Not regulated

Special shipping methods and precautions
Special precautions for user Please refer to the applicable dangerous goods regulations for additional information

15. Regulatory information

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

National regulations
See section 8 for national exposure control parameters

Applicable regulations:

Existing Chemical Substances Subject to Standard Registration

Chemical name	Standard Registration
Ethylene Glycol	Present

Regulations for the Labeling and Hazard Communication of Hazardous Chemicals Applicable

Hazardous Chemicals Assessment and Risk Ranking Management Applicable

International Inventories

TCSI	Contact supplier for inventory compliance status.
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.

Legend:
TCSI *- Taiwan Chemical Substance Inventory*
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*
KECL *- Korean Existing Chemicals Inventory*
IECSC *- China Inventory of Existing Chemical Substances*
PICCS *- Philippines Inventory of Chemicals and Chemical Substances*
AIIC *- Australian Inventory of Industrial Chemicals*
NZIoC *- New Zealand Inventory of Chemicals*

International Regulations

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

16. Other information

SDS authoring company

Name	**Address**	**Telephone**
Author	**Job title**	**Name (Signature)**
Authoring date 12-May-2026	**Revision date** 12-May-2026	

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
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
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)

Reason for revision Initial Release.

Disclaimer
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End of Safety Data Sheet