# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Indonesia, SNI 9030 2 2021

**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 means of identification**

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

**Synonyms** None

**Recommended use of the chemical and restrictions on use**

**Recommended use** Antifreeze

**Restrictions on use** No information available

**Detailed information about the manufacturer, supplier, and/or importer**

**Importer**
PT United Tractors Tbk
Truck Operation Division, P.O. Box 3238
13910
Jakarta : +62 21 2457 9999

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

**Emergency telephone number**

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

**E-mail address** sds@scania.com

## 2. Hazard(s) identification

**Classification of the substance or mixture**

| | |
|---|---|
| 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 - 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.

**Ingestion**
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 which do not result in classification**
No information available.

## 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.

**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.

**For emergency responders**

**Self-protection of the first aider** No information available.

**Most important symptoms/effects, acute and delayed**

**Symptoms** None known.

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

**Indication of immediate medical attention and special treatment needed, if necessary**

**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**

**Specific hazards arising from the chemical** None known.

**Special protective equipment and precautions for fire-fighters**

**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. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation. Do not breathe vapor or mist. Use personal protective equipment as required.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**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 labeled containers. Clean contaminated surface thoroughly.

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

## 7. Handling and storage

**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 vapor or mist. Use personal protective equipment.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** Strong acids.

## 8. Exposure controls/personal protection

**Control Parameters**

**Exposure guidelines**

| Chemical name | ACGIH TLV | Indonesia |
|---|---|---|

| | | |
|---|---|---|
| Ethylene Glycol<br>107-21-1 | TWA: 25 ppm vapor fraction<br>STEL: 50 ppm vapor fraction<br>STEL: 10 mg/m³ inhalable particulate matter, aerosol only | STEL: 100 mg/m³; aerosol<br>C_A4 |

**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**

**Engineering controls** Showers
Eyewash stations
Ventilation systems.

**Individual protection measures, such as 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.

**Hand protection** Wear suitable gloves.

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

**Skin and body protection** Wear suitable protective clothing.

**General hygiene considerations** 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 |
| **Odor threshold** | No information available |

| **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 |
| **Upper/lower flammability or explosive limits** | | |
| **Upper flammability or explosive limits** | | No data available |
| **Lower flammability or explosive limits** | | No data available |
| **Vapor pressure** | 17 hPa @ 20°C<br>85 hPa @ 50°C<br>105 hPa @ 55°C | |
| **Relative vapor density** | | No data available |
| **Relative density** | 1.077 g/cm³ @ 15°C<br>1.075 g/cm³ @ 20°C | |

| | | |
|---|---|---|
| | 1.055 g/cm³ @ 50°C | DIN 51757 |
| **Solubility(ies)** | | |
| **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

**Reactivity**

**Reactivity** No information available.

**Chemical stability**

**Stability** Stable under normal conditions.

**Explosion data**

**Sensitivity to mechanical impact** None.
**Sensitivity to static discharge** None.

**Possibility of hazardous reactions**

**Possibility of hazardous reactions** None under normal processing.

**Conditions to avoid**

**Conditions to avoid** Incompatible materials.

**Incompatible materials**

**Incompatible materials** Strong acids.

**Hazardous decomposition products**

**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.

**Interactions with Other Chemicals** No information available.

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

The table below indicates whether each agency has listed any ingredient as a carcinogen

| Chemical name | Indonesia | IARC |
|---|---|---|
| Ethylene Glycol | A4 - Not classifiable as a human carcinogen | - |

**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)<br>LC50: 14 - 18mL/L (96h, Oncorhynchus mykiss)<br>LC50: =27540mg/L (96h, Lepomis macrochirus)<br>LC50: =40761mg/L (96h, Oncorhynchus mykiss)<br>LC50: 40000 - 60000mg/L (96h, Pimephales promelas)<br>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**

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

**Contaminated packaging** Do not reuse empty containers.

## 14. Transport information

**IMDG** Not regulated

**IATA** Not regulated

**ADR** Not regulated

**RID** Not regulated

**ADN** Not regulated

## 15. Regulatory information

**Safety, health and environmental regulations specific for the product in question**

**Indonesia - Applicable regulations:**

Regulation No. 74/2001, regarding management of hazardous and poisonous substances

| Chemical name | Indonesia - Hazardous and Poisonous Substances (B3) |
|---|---|
| Ethylene Glycol | Permitted |

**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

**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

## 16. Other information

**Date of preparation of the SDS** 12-May-2026

**Revision date** 12-May-2026

**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 |
| 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 |
| C_A1 | A1 - Known Human Carcinogen |
| C_A2 | A2 - Suspected human carcinogen |
| C_A3 | A3 - Animal Carcinogen |
| C_A4 | A4 - Not classifiable as a human carcinogen |
| C_A5 | A5 - Not suspected as a human carcinogen |
| 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**