

Issuing Date 26-Feb-2025

Revision date 26-Feb-2025

Revision Number 1

## 1. Identification

### Product identifier

**Product Name** Scania grease

### Other means of identification

**Product Code(s)** 2858762

**UN number or ID number** UN3077

**Synonyms** None

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

#### **Supplier**

Scania CV AB  
151 87 Sodertalje  
Sweden  
TEL: +46855381000

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

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

**Recommended use** Engine oil  
For professional use only

**Restrictions on use** No information available

### Initial supplier phone number

### Emergency telephone number

**Emergency Telephone** +46855381000 Office Hours: 8:00 - 1700

## 2. Hazard(s) identification

### Classification of the substance or mixture

Hazardous to the aquatic environment - chronic

Category 2

### Label elements

#### **Hazard statements**

Toxic to aquatic life with long lasting effects.

#### **Precautionary Statements - Prevention**

Avoid release to the environment.

#### **Precautionary Statements - Response**

#### **Spill**

Collect spillage.

#### **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**

May be harmful if swallowed.

**3. Composition/information on ingredients****Substance**

Not applicable

**Mixture**

**Product Code(s)** 2858762

Chemical name	CAS No.	Weight-%
Distillates, petroleum, hydrotreated heavy naphthenic	64742-52-5	20 - 30
Nonanedioic acid, dilithium salt	38900-29-7	1 - 5
Phosphorothioic acid, O,O,O-triphenyl ester	597-82-0	1 - < 2.5

**4. First-aid measures****Description of necessary first aid measures**

<b>Inhalation</b>	Remove to fresh air.
<b>Skin contact</b>	Wash skin with soap and water. Get medical attention if symptoms occur.
<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if symptoms occur.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. 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** See Section 11 for additional Toxicological Information.

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

**Note to physicians** Treat symptomatically.

**5. Fire-fighting measures**

**Suitable Extinguishing Media** Dry chemical, CO<sub>2</sub>, alcohol-resistant foam or water spray.

<b>Unsuitable extinguishing media</b>	High volume water jet.
<b>Specific hazards arising from the chemical</b>	None known.
<b>Hazardous combustion products</b>	Carbon oxides. Nitrogen oxides (NOx). Oxides of sulfur. Phosphorus oxides. Metal oxides.
<b>Special protective actions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Ensure adequate ventilation. Evacuate personnel to safe areas. Do not breathe vapor or mist. Avoid contact with skin and eyes. Use personal protective equipment as required.
-----------------------------	---

### Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.
<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Prevention of secondary hazards</b>	Clean contaminated objects and areas thoroughly observing environmental regulations.

### Environmental precautions

<b>Environmental precautions</b>	Should not be released into the environment. Do not allow to enter into soil/subsoil. Keep out of drains, sewers, ditches and waterways. Do not allow material to contaminate ground water system.
----------------------------------	--

## 7. Handling and storage

### Precautions for safe handling

<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Use personal protection equipment.
<b>General hygiene considerations</b>	Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

### Conditions for safe storage, including any incompatibilities

<b>Storage Conditions</b>	Keep in a dry, cool and well-ventilated place. Keep/store only in original container. Keep container closed when not in use. Keep in properly labeled containers. Store in accordance with local regulations. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
<b>Incompatible materials</b>	None known based on information supplied.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational exposure limits

Chemical name	ACGIH TLV	Philippines
Distillates, petroleum, hydrotreated heavy naphthenic 64742-52-5	TWA: 5 mg/m <sup>3</sup> inhalable particulate matter excluding metal working fluids, highly & severely refined	TWA: 5 mg/m <sup>3</sup>

**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

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

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

**Hand protection** Nitrile rubber. Repeated or prolonged contact: The breakthrough time depends amongst other things on the material, the thickness and the type of glove and therefore has to be measured for each case.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls** Local authorities should be advised if significant spillages cannot be contained.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance** Beige, paste  
**Physical state** Solid  
**Color** Beige  
**Odor** Characteristic  
**Odor threshold** No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Not applicable
Melting point / freezing point		No data available
Initial boiling point and boiling range		No data available
Flash point		Not applicable
Evaporation rate		No data available
Flammability		Combustible solid
Upper/lower flammability or explosive limits		
Upper flammability or explosive limits		No data available
Lower flammability or explosive limits		No data available
Vapor pressure	< 0,001 hPa	@ 20 °C
Relative vapor density		No data available
Relative density	0.85 g/cm <sup>3</sup>	@20°C
Solubility(ies)		
Water solubility	Insoluble	
Solubility in other solvents		No data available
Partition coefficient		No data available

Autoignition temperature	No data available
Decomposition temperature	No data available
SADT (°C)	No data available
Kinematic viscosity	> 20.5 mm <sup>2</sup> /s @ 40 °C
Dynamic viscosity	No data available

**Other information**

Molecular weight	No information available
VOC content	No information available
Softening point	No information available
Pour Point	-45 °C

**Information with regard to physical hazard classes**

Explosive properties	Not an explosive
Oxidizing properties	No information available

**10. Stability and reactivity**

Reactivity	No information available.
Stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
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.
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. May be harmful if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms	None known.
----------	-------------

**Acute toxicity****Numerical measures of toxicity****The following ATE values have been calculated for the mixture**

ATEmix (oral)	> 2,000 mg/kg
ATEmix (dermal)	> 5,000 mg/kg

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates, petroleum, hydrotreated	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-

heavy naphthenic			
Phosphorothioic acid, O,O,O-triphenyl ester	-	> 2000 mg/kg ( Rat )	-

**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** The classification listed below for the petroleum distillates in this product pertains to those that contain more than 3% DMSO extract as measured by IP 346. The petroleum distillates in this product do not meet that criteria to be classified as carcinogens.

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

Chemical name	IARC
Distillates, petroleum, hydrotreated heavy naphthenic	Group 1

**Legend**

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**12. Ecological information**

**Ecotoxicity** Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Crustacea
Distillates, petroleum, hydrotreated heavy naphthenic	-	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	EC50: >1000mg/L (48h, Daphnia magna)
Nonanedioic acid, dilithium salt	-	LC50: >100mg/L (96h, Oncorhynchus mykiss)	EC50: >100mg/L (48h, Daphnia magna)
Phosphorothioic acid, O,O,O-triphenyl ester	-	LC50: >100mg/L (96h, Danio rerio)	-

**Persistence and degradability** No information available.

**Bioaccumulation**

## Component Information

Chemical name	Partition coefficient
Nonanedioic acid, dilithium salt	-3.3
Phosphorothioic acid, O,O,O-triphenyl ester	5

## Mobility in soil

**Other adverse effects** No information available.

**Endocrine disrupting properties** 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

**UN number or ID number** UN3077  
**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (Phosphorothioic acid, O,O,O-triphenyl ester), 9, III, Marine pollutant  
**Transport hazard class(es)** 9  
**Packing group** III  
**Marine pollutant indicator** P  
**Special Provisions** 274, 335, 966, 967, 969  
**EmS-No.** F-A, S-F

#### IATA

**UN number or ID number** UN3077  
**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (Phosphorothioic acid, O,O,O-triphenyl ester), 9, III  
**Transport hazard class(es)** 9  
**Packing group** III  
**Special Provisions** A97, A158, A179, A197, A215  
**ERG Code** 9L

#### ADR

**UN number or ID number** UN3077  
**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (Phosphorothioic acid, O,O,O-triphenyl ester), 9, III, (-)  
**Transport hazard class(es)** 9  
**Packing group** III  
**Classification code** M7  
**Environmental hazards** Yes  
**Special Provisions** 274, 335, 601, 375

#### DOT

**UN number or ID number** UN3077  
**Proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Transport hazard class(es)** 9  
**Packing group** III  
**DOT Marine Pollutant** I

<b>Marine pollutant</b>	Phosphorothioic acid, O,O,O-triphenyl ester
<b>Description</b>	UN3077, Environmentally hazardous substance, solid, n.o.s. (Phosphorothioic acid, O,O,O-triphenyl ester), 9, III, Marine pollutant
<b>Special Provisions</b>	8, 146, 335, 384, 441, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33
<b>Emergency Response Guide Number</b>	171

## 15. Regulatory information

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

#### National regulations

**Chemical Control Order and Priority Chemical List** Not applicable

#### 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

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

#### Legend:

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**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  
**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** 26-Feb-2025

**Revision date** 26-Feb-2025

**Revision Note** Initial Release.

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend



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	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
Sen+	Sensitizer
Sk*	Skin designation
**	Hazard Designation

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
Environmental Protection Agency  
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)  
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)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**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**