



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
GB/T 16483-2008, GB/T 17519-2013

**Product Name** Scania grease

**Revision date** 26-Feb-2025

**Issuing Date** 26-Feb-2025

**(M)SDS Number** UL-SCA-128

**Version** 1

## 1. Identification

### Product identifier

**Product Name** Scania grease

**Product Code(s)** 2858762

### Other means of identification

**UN number or ID number** UN3077

**Synonyms** None

**Pure substance/mixture** Mixture

### Details of the supplier of the safety data sheet

#### **Supplier**

Scania Sales (China) Co., Ltd  
1301, No.8 Xingyi Road, Maxdo Center, Chang Ning District  
200336  
Shanghai  
Phone: +86 21 66189966

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

### Emergency telephone number

**Emergency telephone number** +46855381000 Office Hours: 8:00 - 1700

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

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

**Restrictions on use** No information available

## 2. Hazard(s) identification

### **Emergency Overview**

TOXIC TO AQUATIC ORGANISMS; MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT

**Appearance** Beige, paste

**Physical state** Solid

**Odor** Characteristic

### Classification of the substance or mixture

**Acute toxicity - Oral**

Category 5

**Hazardous to the aquatic environment - chronic**

Category 2

### Label elements



Signal word

Warning

**Hazard statements**

May be harmful if swallowed.

Toxic to aquatic life with long lasting effects.

**Precautionary statements**

**Prevention**

Avoid release to the environment.

**Response**

Call a POISON CENTER or doctor/physician if you feel unwell.

Collect spillage.

**Disposal**

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

**Physical and chemical hazards**

Not applicable.

**Health hazards**

Immediate Health Effects: If large quantities of this material are swallowed, call a physician immediately.

Chronic effects: Not applicable.

**Environmental hazards**

Dangerous for the environment This material is a water pollutant. Keep out of drains, sewers, ditches and waterways. Minimize use of water to prevent environmental contamination

**Other hazards which do not result in classification**

No information available.

### 3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture**

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

### 4. First-aid measures

**Description of necessary first aid measures**

<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>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

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

<b><u>Symptoms</u></b>	None known.
<b><u>Effects of Exposure</u></b>	See Section 11 for additional Toxicological Information.
<b><u>For emergency responders</u></b>	No information available.
<b><u>Note to physicians</u></b>	Treat symptomatically.

## 5. Fire-fighting measures

**Extinguishing media**

**Suitable Extinguishing Media** Dry chemical, CO2, alcohol-resistant foam or water spray.

**Unsuitable extinguishing media** High volume water jet.

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

**Hazardous combustion products** Carbon oxides. Nitrogen oxides (NOx). Oxides of sulfur. Phosphorus oxides. Metal oxides.

**Special protective actions for fire-fighters** 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**

**Personal precautions** 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.

**For emergency responders** Use personal protection recommended in Section 8.

**Environmental precautions** 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.

**Methods and material for containment and cleaning up** Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

**Precautions to prevent secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## 7. Handling and storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Use personal protection equipment.

### General hygiene considerations

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

### Conditions for safe storage, including any incompatibilities

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.

### Incompatible materials

None known based on information supplied.

## 8. Exposure controls/personal protection

### Occupational exposure limits

Chemical name	China	ACGIH TLV
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

**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.

### Monitoring and observation processes

No applicable information was found.

### 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.

## 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

Property	Values	Remarks • Method
pH		Not applicable
pH (as aqueous solution)		No data available
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
Flammability Limit in Air		
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/cm3	@20°C
Water solubility	Insoluble	
Solubility(ies)		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 mm²/s	@ 40 °C
Dynamic viscosity		No data available

#### Additional 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

Explosives	
Explosive properties	Not an explosive
Oxidizing properties	No information available

## 10. Stability and reactivity

<u>Stability</u>	Stable under normal conditions.
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<u>Possibility of hazardous reactions</u>	None under normal processing.
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<u>Conditions to avoid</u>	None known based on information supplied.
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<u>Incompatible materials</u>	None known based on information supplied.
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<u>Hazardous decomposition products</u>	None known based on information supplied.
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## 11. Toxicological information

#### Information on likely routes of exposure

**Product Information**

**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.

**Eye 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** May be harmful if swallowed.

**Numerical measures of toxicity**

**The following ATE values have been calculated for the mixture**

ATEmix (oral) 3,099 mg/kg  
ATEmix (dermal) > 5,000 mg/kg

**Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates, petroleum, hydrotreated heavy naphthenic	> 5000 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	-
Phosphorothioic acid, O,O,O-triphenyl ester	-	> 2000 mg/kg ( Rat )	-

**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	China	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.

**Specific target organ toxicity (single exposure)** No information available.

**Specific target organ toxicity (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.

### Bioaccumulative potential

#### Component Information

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

### Mobility in soil

## 13. Disposal considerations

**Waste chemicals** 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

### JT/T 617

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

### IMDG

UN number or ID number UN3077

**UN proper shipping name** Environmentally hazardous substance, solid, n.o.s.  
**Technical Name** Phosphorothioic acid, O,O,O-triphenyl ester  
**Transport hazard class(es)** 9  
**Packing group** III  
**Marine pollutant indicator** P  
**Marine pollutant name** Phosphorothioic acid, O,O,O-triphenyl ester  
**Description** UN3077, Environmentally hazardous substance, solid, n.o.s. (Phosphorothioic acid, O,O,O-triphenyl ester), 9, III, Marine pollutant  
**Special Provisions** 274, 335, 966, 967, 969  
**EmS-No.** F-A, S-F  
**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** No information available

#### IATA

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

#### 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

#### Law of the People's Republic of China on Prevention and Control of Occupational Diseases

Catalog of occupational hazard factors:

Listed. Chemical hazards.

Catalog of occupational diseases:

Listed. Occupational poisoning.

Chemical name	Category
Nonanedioic acid, dilithium salt	Chemical hazards

#### Regulations on the Control over Safety of Hazardous Chemicals

Catalog of Hazardous Chemicals

Not applicable.

GB 18218-2018 Identification of major hazard installations for dangerous chemicals

Not applicable

#### List of hazardous chemicals under priority management

Not applicable

#### Regulations on Labor Protection in Workplaces Where Toxic Substances Are Used

Inventory of highly toxic goods

Not applicable

#### Regulations for Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals

List of toxic chemicals severely restricted for import and export in China

Not applicable

#### Measures for the Environmental Management of New Chemical Substances

**IECSC - China Inventory of Existing Chemical Substances** Contact supplier for inventory compliance status.



## **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**

**Issuing Date** 26-Feb-2025

**Revision date** 26-Feb-2025

**Revision Note** Initial Release.

### **Abbreviations and acronyms**

#### **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

**Product Name** Scania grease  
**Revision date** 26-Feb-2025

**(M)SDS Number**

UL-SCA-128

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**China SDS version information - CGHS**

UL release:  
GHS Revision 4  
2025 Q1

**China**

Partial process, including GHS Wizard, NO TW