

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 UN3077

EC No (EU Index No) No information available

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

Health hazards

0

Flammability

0

Instability

0

Special hazards

-

Registration number in other countries (if applicable):

No information available

Issuing Date 26-Feb-2025

Revision date 26-Feb-2025

Revision Number 1

1. Identification

Common name of chemical No information available

Trading name Scania grease

Other names None

Product Code(s) 2858762

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

Intended use

Recommended use Engine oil
For professional use only

Contact in emergency:

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

2. Hazard(s) identification

1 GHS Classification

Acute toxicity - Oral	Category 5
Hazardous to the aquatic environment - chronic	Category 2

2 Hazard warning

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.

Precautionary Statements - Response

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

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

No information available.

3 Route of exposure and symptoms

Eye contact	Specific test data for the substance or mixture is not available.
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. May be harmful if swallowed.
Symptoms	None known.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

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**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

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

5 Note to physicians

Treat symptomatically.

Symptoms

None known.

Effects of Exposure

See Section 11 for additional Toxicological Information.

Self-protection of the first aider

No information available.

5. Fire-fighting measures

1 Flammable properties

Not applicable.

2 Hazardous combustion products

Carbon oxides. Nitrogen oxides (NOx). Oxides of sulfur. Phosphorus oxides. Metal oxides.

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**

Dry chemical, CO₂, alcohol-resistant foam or water spray.

Unsuitable extinguishing media

High volume water jet.

5 Special protective equipment and precautions for fire-fighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection 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. Evacuate personnel to safe areas. Do not breathe vapor or mist. Avoid contact with skin and eyes. Use personal protective equipment as required.

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 for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.
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. Avoid contact with skin and eyes. Use personal protection equipment.

2 Measures and conditions to be applied when storing chemicals

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.

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
Distillates, petroleum, hydrotreated heavy naphthenic 64742-52-5	TWA: 5mg/m ³ STEL: 10mg/m ³	TWA: 5 mg/m ³ inhalable particulate matter excluding metal working fluids, highly & severely refined

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation

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	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.

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

Property	Values	Remarks • Method
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
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/cm ³	@20°C
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 ² /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

Explosives	
Explosive properties	Not an explosive
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

No information available.

Conditions to avoid

None known based on information supplied.

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.
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 May be harmful if swallowed.**Numerical measures of toxicity****The following ATE values have been calculated for the mixture**

ATEmix (oral)	3,009 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)	-

1 Long-term impact to humans**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.

2 Other toxic effects

Aspiration hazard No information available.

12. Ecological information

1 Toxicity to organisms

Toxic to aquatic life with long lasting effects.

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

2 Environmental impact

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

Mobility

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

UN number or ID number	UN proper shipping name	Transport hazard class(es)	Packing group	Labels
UN3077	Environmentally hazardous substance, solid, n.o.s.	9	III	9

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

15. Regulatory information

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

TSCA	Contact supplier for inventory compliance status
DSL/NDL	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/NDL** - 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

0

Flammability

0

Instability

0

Special hazards

-

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 regulationsApplicable regulations: No applicable information was found**16. Other information****Issuing Date** 26-Feb-2025**Revision date** 26-Feb-2025

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****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

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End of Safety Data Sheet