

SAFETY DATA SHEET

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

UN3077 **UN number or ID number**

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

No information available Restrictions on use

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

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 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

5. Fire-fighting measures

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.

Methods and material for containment and cleaning up

Methods for cleaning up Pick up and transfer to properly labeled containers.

Methods for containment Prevent further leakage or spillage if safe to do so.

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

Environmental precautions

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.

7. Handling and storage

Precautions for safe handling

Advice on 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

Storage Conditions 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 materialsNone known based on information supplied.

8. Exposure controls/personal protection

Control Parameters

Occupational exposure limits

Chemical name	ACGIH TLV	Philippines
Distillates, petroleum, hydrotreated heavy	TWA: 5 mg/m³ inhalable particulate	TWA: 5 mg/m ³
naphthenic	matter excluding metal working fluids,	-
64742-52-5	highly & severely refined	

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

Odor Characteristic

Odor threshold No information available

<u>Property</u> <u>Values</u> <u>Remarks</u> • <u>Method</u>

pHNot applicableMelting point / freezing pointNo data availableInitial boiling point and boiling rangeNo data availableFlash pointNot applicableEvaporation rateNo data availableFlammabilityCombustible solid

Upper/lower flammability or

explosive limits

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

Vapor pressure < 0.001 hPa @ 20 °C

Relative vapor density

No data available

Relative density 0.85 g/cm3 @20°C

Solubility(ies)

Water solubility Insoluble

Solubility in other solvents

No data available
Partition coefficient

No data available

Autoignition temperatureNo data availableDecomposition temperatureNo data availableSADT (°C)No data available

Kinematic viscosity > 20.5 mm²/s @ 40 °C

Dynamic viscosity No data available

Other information

Molecular weightNo information availableVOC contentNo information availableSoftening pointNo 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 materialsNone 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	-	> 2000 mg/kg (Rat)	-
ester			

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritationNo 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 exposureNo 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	-	LC50: >5000mg/L (96h,	EC50: >1000mg/L (48h,
heavy naphthenic		Oncorhynchus mykiss)	Daphnia magna)
Nonanedioic acid, dilithium salt	-	LC50: >100mg/L (96h,	EC50: >100mg/L (48h,
		Oncorhynchus mykiss)	Daphnia magna)
Phosphorothioic acid, O,O,O-triphenyl	-	LC50: >100mg/L (96h, Danio	-
ester		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

Marine pollutant indicator

Special Provisions 274, 335, 966, 967, 969

EmS-No. F-A, S-F

<u>IATA</u>

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

Special Provisions A97, A158, A179, A197, A215

ERG Code 9L

<u>ADR</u>

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

Marine pollutant 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 8, 146, 335, 384, 441, A112, B54, B120, IB8, IP3, N20, N91, T1, TP33

Emergency Response Guide 171

Number

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

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

ADN Agreement concerning the International Carriage of Dangerous Goods by Inland Waterw (Europe) ADR Agreement concerning the International Carriage of Dangerous Goods by Road (Europe AIIC Auter Toxicity Estimate ATE Acute Toxicity Estimate ASTM American Society for the Testing of Materials Dar Biological Reference Values for Chemical Compounds in the Work Area Biological Reference Values for Chemical Compounds in the Work Area Biological Reference Values for Chemical Compounds in the Work Area BEL Biological exposure limits BW Body weight Celling Maximum limit value Celling Maximum limit value Compounds of Carcinogen, Mutagen or Reproductive Toxicant DOT Department of Transportation (United States) DSL Domestic Substances List (Canada) Emergency Schedule ENCS Existing and New Chemical Substances (Japan) EPA Emironimental Protection Agency GHS Globally Harmonized System ARC International Agency for Research on Cancer International Agency for Research on Cancer International Agency for Research on Cancer International Cold for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk CAO International Cold for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk CAO International Maritime Dangerous Goods International Maritime Dispopulation (Median Lethal Dose) International Maritime Dispopulation of Standardization NOAEC No Observed Adverse Effect Concentration NOAEC No Observate Effect Level No Observed Adverse	ACGIH	American Conference of Governmental Industrial Hygienists	
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IVI II : IVolatile organic compounds	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