



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Decree 1496 of August 6, 2018 and Resolution 0773 of April 7, 2021

Issuing Date 26-Feb-2025

Revision date 26-Feb-2025

Revision Number 1

SECTION 1: Product Identification

Product identifier

Product Name Scania grease

Other means of identification

Product Code(s) 2858762

UN number or ID number UN3077

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Engine oil
For professional use only

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier

Scania CV AB
151 87 Sodertalje
Sweden
TEL: +46855381000

E-mail address sds@scania.com

Emergency telephone number

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

SECTION 2: Identification of the hazard or hazards

Classification of the substance or mixture

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

GHS Label elements, including precautionary statements



Environment

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.

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

No information available.

Unknown acute toxicity

73 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

SECTION 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

SECTION 4: First aid measures

Description of 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.

Most important symptoms and effects, both acute and delayed

Symptoms	None known.
Effects of Exposure	See Section 11 for additional Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
--------------------	------------------------

SECTION 5: Firefighting 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 equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Measures to be taken in the event of accidental spillage**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.
----------------------	---

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.
---------------------------	--

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	Pick up and transfer to properly labeled containers.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

SECTION 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.

SECTION 8: Exposure controls / personal protection**Control Parameters****Exposure Limits**

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

SECTION 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>
Melting point / freezing point		No data available
Initial boiling point and boiling range		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
Flash point		Not applicable
Autoignition temperature		No data available
Decomposition temperature		No data available
SADT (°C)		No data available
pH		Not applicable
pH (as aqueous solution)		No data available
Kinematic viscosity	> 20.5 mm ² /s	@ 40 °C
Dynamic viscosity		No data available
Water solubility	Insoluble	
Solubility(ies)		No data available
Partition coefficient		No data available
Vapor pressure	< 0,001 hPa	@ 20 °C
Relative density	0.85 g/cm ³	@20°C
Bulk density		No data available
Liquid Density		No data available
Relative vapor density		No data available
Particle characteristics		
Particle Size		No data available
Particle Size Distribution		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

SECTION 10: Stability and reactivity

Reactivity	No information available.
Stability	Stable under normal conditions.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
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.

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

Unknown acute toxicity

73 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates, petroleum, hydrotreated heavy naphthenic 64742-52-5	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Phosphorothioic acid, O,O,O-triphenyl ester 597-82-0	-	> 2000 mg/kg (Rat)	-

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

Interactive effects No information available.

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	ACGIH	IARC	NTP
Distillates, petroleum, hydrotreated heavy naphthenic 64742-52-5	A2	Group 1	Known

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Other information No information available.

SECTION 12: Ecotoxicological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Distillates, petroleum, hydrotreated heavy naphthenic 64742-52-5	-	LC50: >5000mg/L (96h, Oncorhynchus mykiss)	-	EC50: >1000mg/L (48h, Daphnia magna)
Nonanedioic acid, dilithium salt 38900-29-7	-	LC50: >100mg/L (96h, Oncorhynchus mykiss)	-	EC50: >100mg/L (48h, Daphnia magna)
Phosphorothioic acid, O,O,O-triphenyl ester 597-82-0	-	LC50: >100mg/L (96h, Danio rerio)	-	-

Persistence and degradability No information available.

Bioaccumulation

Component Information

Chemical name	Partition coefficient
---------------	-----------------------

Nonanedioic acid, dilithium salt 38900-29-7	-3.3
Phosphorothioic acid, O,O,O-triphenyl ester 597-82-0	5

Mobility No information available.

Other adverse effects No information available.

SECTION 13: Information regarding disposal of products

Disposal methods

Waste from residues/unused products Should not be released into the environment. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information

ICAO (air)

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
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

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
Environmental hazards Yes
Special Provisions A97, A158, A179, A197, A215
ERG Code 9L
Description UN3077, Environmentally hazardous substance, solid, n.o.s. (Phosphorothioic acid, O,O,O-triphenyl ester), 9, III

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 { TCODE="MPM" } : { COMP="597-82-0','SCA-597820R"}
Special Provisions 274, 335, 966, 967, 969
EmS-No. F-A, S-F
Description UN3077, Environmentally hazardous substance, solid, n.o.s. (Phosphorothioic acid, O,O,O-triphenyl ester), 9, III, Marine pollutant

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 Number	171

SECTION 15: Information on the regulation

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

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/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

SECTION 16: Other informations

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
As	Allergenic substance
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

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

Issuing Date 26-Feb-2025
Revision date 26-Feb-2025
Revision Note Initial Release.

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