Safety Data Sheet
according to WHS Regulations

Printing date 01.04.2025 Revision: 01.04.2025

1 Identification

Product Name: MAINLUBE 445

Other Means of Identification: Mixture
Other Name: Synthetic Hi-Temperature Chain Lubricant.

Product Code: 445

Recommended Use of the Chemical and Restriction on Use: Low smoke high temperature lubricant.

Details of Manufacturer or Importer:
Mainlube Superior Maintenance Lubricants Pty Ltd
P O Box 353 Botany 3/10 Anderson Street
Banksmeadow NSW 2019, Australia

Phone Number: 02 8385 8328

Emergency telephone number: 0412 644 244

2 Hazard(s) Identification

Hazardous Nature:
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).


flame

Aerosol 1	H222	Extremely flammable aerosol.


health hazard

Toxic To Reproduction 2	H361	Suspected of damaging fertility or the unborn child.
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure.
Aspiration Hazard 1	H304	May be fatal if swallowed and enters airways.


environment

Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

Skin Corrosion/Irritation 2	H315	Causes skin irritation.
STOT SE 3	H336	May cause drowsiness or dizziness.

Aquatic Acute 2	H401	Toxic to aquatic life.

Signal Word Danger

Hazard Statements
H222 Extremely flammable aerosol.
H315 Causes skin irritation.
H361 Suspected of damaging fertility or the unborn child.

(Contd. on page 2)

Safety Data Sheet
according to WHS Regulations

Printing date 01.04.2025 Revision: 01.04.2025

Product Name: MAINLUBE 445

(Contd. of page 1)

H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P251 Do not pierce or burn, even after use.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P211 Do not spray on an open flame or other ignition source.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P273 Avoid release to the environment.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P321 Specific treatment (see on this label).
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P314 Get medical advice/attention if you feel unwell.
P331 Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of water.
P391 Collect spillage.
P362+P364 Take off contaminated clothing and wash it before reuse.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
110-54-3	Hexane Flammable Liquids 2, H225; Toxic To Reproduction 2, H361; STOT RE 2, H373; Aspiration Hazard 1, H304; Aquatic Chronic 2, H411; Skin Corrosion/Irritation 2, H315; STOT SE 3, H336	<30%
68476-85-7	Petroleum gases, liquefied Flammable Gases 1, H220; Flammable Liquids 1, H224; Gases Under Pressure (Compressed gas), H280	>10%

Additional information:
The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1% w/w 1,3 butadiene (EINECS no. 203-450-8). If the substance is not classified as a carcinogen or mutagen, at least the Safety Phrases (2-)9-16 should apply. This note applies to certain complex oil-derived substances in Annex I. (CAS No. 68476-85-7).

(Contd. on page 3)

Safety Data Sheet
according to WHS Regulations

Printing date 01.04.2025 Revision: 01.04.2025

Product Name: MAINLUBE 445

(Contd. of page 2)

4 First Aid Measures

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:
In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:
In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:
If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water or milk. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:
Inhalation: May cause respiratory irritation. May cause drowsiness and dizziness.
Skin Contact: Causes skin irritation.
Eye Contact: May cause eye irritation.
Ingestion: May be fatal if swallowed and enters airways. Ingestion or subsequent vomiting may result in aspiration causing pneumonitis.

5 Fire Fighting Measures

Suitable Extinguishing Media: Dry chemical, alcohol or polymer foam or carbon dioxide.

Specific Hazards Arising from the Chemical:
Product is extremely flammable. Vapours may travel considerable distances to a source of ignition where they can ignite, flashback, or explode.
Closed containers may explode when exposed to extreme heat. Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Special Protective Equipment and Precautions for Fire Fighters:
When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear approved respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

Environmental Precautions:
In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:
Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Use only non-sparking tools.

7 Handling and Storage

Precautions for Safe Handling:
Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.
Take precautionary measures against static discharge. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide

(Contd. on page 4)

Safety Data Sheet
according to WHS Regulations

Printing date 01.04.2025 Revision: 01.04.2025

Product Name: MAINLUBE 445

(Contd. of page 3)

eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:
Store in a cool, dry and well ventilated area. Keep container tightly closed. Protect from heat, sparks, open flames, hot surfaces and direct sunlight. Contents under pressure. Do not cut, drill, puncture or incinerate full or empty containers. Do not expose to temperatures exceeding 50 °C.

8 Exposure controls and personal protection

Exposure Standards:	
110-54-3 Hexane	
WES	TWA: 72 mg/m³, 20 ppm
68476-85-7 Petroleum gases, liquefied	
WES	TWA: 1800 mg/m³, 1000 ppm

Engineering Controls:
Maintain air concentration below occupational exposure standards, providing adequate ventilation. Use explosion-proof ventilating equipment.

Respiratory Protection:
Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:
Neoprene or nitrile rubber gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.
Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:
Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:	
Form:	Aerosol
Colour:	Black
Odour:	Hydrocarbon
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	-74 °C (LPG Propellant)
Flammability:	Extremely flammable
Auto-ignition Temperature:	260 °C (n-Hexane)
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	1.33 hPa
Relative Density at 15 °C:	0.867
Vapour Density:	No information available

(Contd. on page 5)

Safety Data Sheet
according to WHS Regulations

Printing date 01.04.2025 Revision: 01.04.2025

Product Name: MAINLUBE 445

(Contd. of page 4)

Evaporation Rate: No information available
Solubility in Water: Nil at 20℃
Partition Coefficient (n-octanol/water): No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Heat, sparks, open flames, hot surfaces and direct sunlight.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: Oxides of carbon and smoke.

11 Toxicological Information

Toxicity:

Acute Health Effects
Inhalation: May cause respiratory irritation. May cause drowsiness and dizziness.
Skin: Causes skin irritation.
Eye: May cause eye irritation.
Ingestion:
May be fatal if swallowed and enters airways. Ingestion or subsequent vomiting may result in aspiration causing pneumonitis.

Skin Corrosion / Irritation: Causes skin irritation.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity:
Suspected of damaging fertility or the unborn child.
n-Hexane is classified by Safe Work Australia as Toxic to Reproduction Category 3.

Specific Target Organ Toxicity (STOT) - Single Exposure: May cause drowsiness and dizziness.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:
May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Chronic Health Effects: Prolonged skin contact may cause skin irritation or cracking.

Existing Conditions Aggravated by Exposure: No information available

Additional toxicological information: No information available

12 Ecological Information

Ecotoxicity:

Aquatic toxicity: Toxic to aquatic life with long lasting effects.

Persistence and Degradability: This product is slow to biodegrade.

Bioaccumulative Potential: The product has low potential for bioaccumulation.

(Contd. on page 6)

Safety Data Sheet
according to WHS Regulations

Printing date 01.04.2025 Revision: 01.04.2025

Product Name: MAINLUBE 445

(Contd. of page 5)

Mobility in Soil: This product is not water soluble and is not expected to adsorb onto soil particles.
Other adverse effects: No further relevant information available.

13 Disposal considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:
Please consult your state Land Waste Management Authority for more information.

14 Transport information

UN Number **ADG, IMDG, IATA**	UN1950
Proper Shipping Name **ADG, IMDG, IATA**	AEROSOLS, flammable
Dangerous Goods Class **ADG Class:**	2.1
Packing Group:	Not applicable
Marine pollutant:	Yes Symbol (fish and tree)
EMS Number:	F-D,S-U
Hazchem Code:	Not applicable
Special Provisions:	63, 190, 277, 327, 344
Limited Quantities:	1L
Packagings & IBCs - Packing Instruction:	P207, LP02
Packagings & IBCs - Special Packing Provisions:	PP87, L2

15 Regulatory information

Australian Inventory of Chemical Substances:	
110-54-3	Hexane
68476-85-7	Petroleum gases, liquefied

Date of Preparation or Last Revision: 01.04.2025

Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:
ADG: Australian Dangerous Goods
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
Flammable Gases 1: Flammable gases – Category 1

(Contd. on page 7)

Safety Data Sheet
according to WHS Regulations

Printing date 01.04.2025 Revision: 01.04.2025

Product Name: MAINLUBE 445

(Contd. of page 6)

Aerosol 1: Aerosols – Category 1
Gases Under Pressure (Compressed gas): Gases under pressure – Compressed gas
Flammable Liquids 1: Flammable liquids – Category 1
Flammable Liquids 2: Flammable liquids – Category 2
Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2
Toxic To Reproduction 2: Reproductive toxicity – Category 2
Toxic To Reproduction 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Aspiration Hazard 1: Aspiration hazard – Category 1
Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Not Scheduled.

16 Other information

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016”

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Mainlube Superior Maintenance Lubricants Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.