



ZEP Inc.
11627 178th Street
Edmonton, Alberta T5S 1N6
1-877-I-BUY-ZEP (428-9937)
www.zep.com

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name AEROLUBE - NO 1 1 1
Product use Lubricant
Product code 0103
Date of issue 04/14/14 **Supersedes** 05/03/11

Emergency Telephone Numbers

For MSDS Information:

Technical Services Group
Telephone (780) 453-8100
(Business Hours 8:00am - 5:00pm)

For Medical or Transportation Emergency

CANUTEC (24 Hours)
(613) 996-6666 - Call Collect

Prepared By

Technical Services Group
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Section 2. Hazards Identification

Emergency overview

CAUTION

FLAMMABLE.

Contains material that may cause target organ damage, based on animal data.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Dermal contact. Eye contact Inhalation.

Eyes

Irritating to eyes. Inflammation of the eye is characterized by redness, watering and itching.

Skin

May cause skin irritation. Skin inflammation is characterized by itching, scaling, reddening or, occasionally, blistering.

Inhalation

Harmful by inhalation. Avoid breathing vapors, spray or mists. Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system (CNS) depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Ingestion

Harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.

Chronic effects

Contains material which may cause damage to the following organs: kidneys, liver, central nervous system (CNS).

Skin which is repeatedly defatted by contact with this product may be more susceptible to irritation, infection or dermatitis. Pre-existing respiratory and skin disorders may be aggravated by over-exposure to this product.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

PETROLEUM SPIRITS; vm&p naphtha; refined solvent naphtha
BLEND OF ISOBUTANE & PROPANE

CAS number

64742-89-8
74-98-6; 75-28-5

% by Weight

30 - 60
10 - 30

Section 4. First Aid Measures

Eye Contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin Contact

Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation

Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get immediate medical attention.

Ingestion Aspiration hazard if swallowed. Can enter lungs and cause damage. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point Not available.

Flammable Limits not available

Flammability Extremely flammable. (CSMA)

Auto-ignition Temperature

Fire-Fighting Procedures Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Use dry chemical or CO₂ and Foam. Cool containers with water jet in order to prevent pressure build-up, auto-ignition or explosion.

Fire hazard In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.

Products of Combustion carbon oxides (CO, CO₂) and other unidentified organic compounds

Explosion hazard Not available.

Section 6. Accidental Release Measures

Spill Clean up Stop leak if without risk. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Large spills are unlikely due to packaging.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see Section 8). Store and use away from heat, sparks, open flame or any other ignition source. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Avoid breathing vapors, spray or mists. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage CONTENTS UNDER PRESSURE. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Do not store above the following temperature: 39°C (102. 2°F). Do not puncture or incinerate container. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name

Exposure limits

No exposure limit value known.

Personal Protective Equipment (PPE)

Eyes Recommended: Splash goggles.

Hands and Body Nitrile gloves. Neoprene gloves. Rubber gloves.

Respiratory Use with adequate ventilation. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Wear appropriate respirator when ventilation is inadequate. Approved/certified respirator with organic vapor cartridge.



Section 9. Physical and Chemical Properties

Physical State Liquid. [Aerosol.]

pH Not available.

Boiling Point Not available.

Specific Gravity 0.83

Solubility Insoluble in the following materials: cold water and hot water.

Freezing Point

Color White. Opaque.

Odor Solvent-like.

Vapor Pressure Not determined.

Vapor Density Not determined.

Evaporation Rate Not available.

VOC (Consumer) 414 (g/l).

Section 10. Stability and Reactivity**Stability and Reactivity**

The product is stable.

Incompatibility

Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

Hazardous Polymerization

Will not occur.

Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information**Carcinogenicity****Acute toxicity****Product/ingredient name****Result****Species****Dose****Exposure**

Not available.

Mutagenicity**Product/ingredient name****Test****Experiment****Result**

Not available.

Conclusion/Summary :**Teratogenicity****Product/ingredient name****Result****Species****Dose****Exposure**

Not available.

Conclusion/Summary :**Reproductive toxicity****Product/ingredient name****Maternal
toxicity****Fertility****Development
toxin****Species****Dose****Exposure**

Not available.

Conclusion/Summary :**Section 12. Ecological Information****Environmental Effects**

No known significant effects or critical hazards.

Aquatic Ecotoxicity

Not available.

Section 13. Disposal Considerations**Waste Information**


Waste must be disposed of in accordance with applicable regulations. Consult your local or regional authorities for additional information.

Waste Stream

Classification - Hazardous waste

Origin: -RCRA waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
TDG Classification	1950	Aerosols, flammable	2.1	-		<u>Explosive Limit and Limited Quantity Index</u> 1
IMDG Class	Not available.	Not available.	Not available.	-		-

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

PG* : Packing group

Section 15. Regulatory Information**Canada****WHMIS (Canada)**

Class A: Compressed gas.

Class B-5: Flammable aerosol.

Class D-2B: Material causing other toxic effects (Toxic).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.