

Issue Date: 03-Jun-2015

Revision Date: 22-Nov.-2017

Version 2

1. IDENTIFICATION

Product Identifier

Product Name CHAIN & CABLE LUBRICANT (AEROSOL)

Other means of identification

SDS

ITEM# M-15760

UN/ID No

UN 1950

Recommended use of the chemical and restrictions on use

Recommended Use Lubricant

Details of the supplier of the safety data sheet

Supplier Address

Ashburn Chemical Technologies
7403 Wright Rd
Houston, TX 77041

Emergency Telephone Number

Company Phone Number

832-399-1000

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Black gray spray

Physical State Aerosol

Odor Hydrocarbon-like

Classification

Flammable Aerosol (liquefied gas)

Category 1

Signal Word

DANGER



Hazard Statements

Extremely flammable aerosol

Contains gas under pressure: May explode if heated

Precautionary Statements - Prevention.

Keep away from heat, sparks, open flames, and hot surfaces. - No smoking

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Precautionary Statements – Storage

Protect from sunlight. Do not expose/store to temperatures exceeding 50C/122°F. Store in a well-ventilated place

Unknown Acute Toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Propane / n- Butane	68476-86-8	10-30

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Skin Contact	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation persists, call a physician.
Inhalation	Remove person to fresh air and keep comfortable for breathing.
Ingestion	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

Most important symptoms and effects

Acute Health Hazard	Eyes: redness, tearing, blurred vision Skin: defatting and dermatitis Inhalation: irritation. Oral: abdominal irritation, nausea, vomiting, and diarrhea
Chronic Health Hazard	Not determined

5. FIRE-FIGHTING MEASURES

Suitable / Unsuitable	Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames. DO NOT use stream of water (could cause fire to spread).
Specific Hazards Arising from the Chemical	Not determined.
Hazardous Combustion Products	Oxides of carbon, chlorine, hydrogen chloride and phosgene
Protective equipment / Precautions for firefighters	Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus(SCBA). Use water spray to cool fire exposed surfaces and to protect personnel

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin or eyes. Avoid breathing dust/fume/gas/mist/vapors/spray See SECTION 8 for Personal Protective Equipment
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Environmental Precautions	See Section 12 for additional Ecological Information
Methods for Clean-Up	Remove any source of ignition. Use non-sparking tools and equipment. Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.
Waste Disposal	Dispose of in accordance with local, State and Federal regulations. Do not dump in sewers. Use sand or other non-combustible absorbent material to clean up spill and place in container for later disposal. Containers may contain hazardous residue
<u>RCRA Status</u>	Liquid could be classified as D001 under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

7. HANDLING AND STORAGE

Advice on Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes, vapors, mists, spray. Wash face, hands, and any exposed skin thoroughly after handling.
Storage Conditions	Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.
Incompatible Materials	Some plastics and painted surfaces, pre-test before using.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Propane /n- Butane	1000 ppm	1000 ppm	-

Appropriate engineering controls	Local ventilation/exhaust may be needed in confined spaces
Personal Protective Equipment	Safety glasses and chemical resistant gloves.
Respiratory Protection	Wear NIOSH/MSHA approved organic vapor respiratory protection if exposure limits are exceeded.
General Hygiene Considerations	Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Aerosol	Odor	Petroleum -like
Appearance	Viscous, spray	Odor Threshold	Not determined
Color	Dark grey		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting Point	N/A	
Boiling Point	Not determined	
Freezing Point	Not determined	
Flammability	Extremely Flammable Aerosol	
Flash Point	Not determined	
Auto-ignition Temperature	Not determined	
Upper / Lower Flammability Limit	Not determined	
Vapor Pressure (mm Hg)	< 0.01	@ 77°F / 25°C
Vapor Density	2.93	(Air = 1)

Evaporation Rate	>7	(butyl acetate = 1)
Specific Gravity	1.29	
pH	Not determined	
Solids	Not determined	
Water Solubility	Immiscible	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	n-Octanol/Water (K_{OW})
Volatility Including Water	96% Volatile	
VOC Content (%)	24%	
Dielectric Strength (Volts)	Not determined	
Decomposition Temperature	Not determined	
Explosive Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity	None known.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	Temperatures greater than 122°F and source of ignition.
Incompatible Materials	Some plastics and painted surfaces, pre-test before using.
Hazardous Decomposition Products	Oxides of carbon, chlorine, hydrogen chloride and phosgene

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure and toxicological effects

Eye Contact	Causes irritation, burning, redness, tearing, blurred vision
Skin Contact	Causes localized defatting, irritation, may be absorbed through skin with systemic effects.
Inhalation	May cause irritation to respiratory tract, dizziness, headache, nausea.
Ingestion	Ingestion of product may cause gastrointestinal irritation, result in vomiting, diarrhea.
Acute Toxicity- Single Exposure	Eyes: redness, tearing, blurred vision
Acute Toxicity- Repeated Exposure	Not determined
Carcinogenicity	OSHA: No ACGIH: No NTP: No IARC: No CA Prop 65:

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not determined
Persistence/Degradability	Component(s) of this product are not biogradable
Bioaccumulation	This product is not expected to bioaccumulate
Mobility	This product is mobile in soil
Other Ecological Hazard	Not determined

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes	Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.
RCA Status	Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261)

14. TRANSPORT INFORMATION

DOT /IATA/IMDG	
UN/ID No	UN1950
Proper Shipping Name	Aerosols, Ltd. Qty
Hazard Class / Division	2.1

15. REGULATORY INFORMATION

TSA STATUS	All Chemicals are listed or exempt.
CERCLA	(Comprehensive Response Compensation and Liability Act): None
SARA 311/312 Hazard Categories	Acute Health, Chronic Health, Flammable
SARA 313 Reportable Ingredients	None
California Prop 65	This product contains the following ingredients for which the state of California has found to cause cancer. Naphthalene 91-20-3 Ethylbenzene 100-41-4

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	2	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	2	0	B

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Revision Note:	Revised SECTION 2 and 3

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