



AccroSeal
316 W. Briggs Street, Vicksburg, MI 49097
(269) 649-1014

Conforms to HazCom 2012/United States

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

**PRODUCT IDENTIFIER(S)/ TRADEMARK(S)
USED ON THE LABEL:**

ACCROLUBE®

OTHER MEANS OF IDENTIFICATION:

Product Code – 1331815-000 (Various sizes)
Synonyms – No information available.

APPLICATION

RECOMMENDED USE:

Lubricating Grease

USES ADVISED AGAINST:

For industrial use only.

SUPPLIER:

ACCRO-SEAL
316 W. Briggs Street
Vicksburg, MI 49097 USA
(P): 1-269-649-1014
(F): 1-269-649-1067

EMERGENCY PHONE:

800-255-3924 (24HR)

CHEMTEL PHONE:

800-255-3924 (24HR)

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION

OSHA REGULATORY STATUS:

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**SERIOUS EYE DAMAGE / EYE
IRRITATION:**

Category 2A

LABEL ELEMENTS

WARNING

HAZARD STATEMENTS:

Causes serious eye irritation.



EMERGENCY OVERVIEW

APPEARANCE:

Green

PHYSICAL STATE:

Grease

ODOR:

Fruity Mint-Like

PRECAUTIONARY STATEMENTS

PREVENTION:

Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
IF IN EYES: 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/attention

SECTION 2: HAZARDS IDENTIFICATION (CONTINUED)

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): None known.

OTHER INFORMATION: Causes mild skin irritation.

UNKNOWN ACUTE TOXICITY: 0.05770504% of the mixture consists of ingredient(s) of unknown toxicity.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS NO.	WEIGHT %
Thickening Agent	Proprietary	15 – 20 %
Zinc alkyldithiophosphate	68649-42-3	1 – 5 %
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	68411-46-1	1 – 5 %

The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

GENERAL ADVICE: Show this safety data sheet to the doctor in attendance. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use. Wash off with soap and water. If symptoms persist, call a physician.

EYE CONTACT: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

SKIN CONTACT: Wash off with soap and plenty of water. Remove and wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water.

INGESTION: If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

INHALATION: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Consult a physician. Move to fresh air in case of accidental inhalation of vapors.

NOTES TO PHYSICIAN: Treat symptomatically.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: Dermatitis.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use dry chemical, CO₂, water spray or 'alcohol' foam.

SPECIFIC HAZARDS: Do not allow material to contaminate ground water system.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SPECIFIC METHODS: Water mist may be used to cool closed containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Ensure adequate ventilation. Do not breathe vapor/dust. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
ENVIRONMENTAL PRECAUTIONS:	Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.
METHODS FOR CLEANING UP:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

SECTION 7: HANDLING AND STORAGE

HANDLING

TECHNICAL MEASURES/PRECAUTIONS:	Provide sufficient air exchange and/or exhaust in work rooms.
SAFE HANDLING ADVICE:	In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe vapors/dust. Wear personal protective equipment. Avoid contact with skin and eyes. Wash thoroughly after handling.

STORAGE

TECHNICAL MEASURES / STORAGE CONDITIONS:	Store at room temperature in the original container.
INCOMPATIBLE PRODUCTS:	Strong oxidizing agents.
SAFE STORAGE TEMPERATURE:	5 – 35 °C
SHELF LIFE:	2 years.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENTS	ACGIH EXPOSURE LIMITS	OSHA TWA (FINAL)	NIOSH – POCKET GUIDE
Mineral Oil * Calcium carbonate (limestone)	5 mg/m ³ None	5 mg/m ³ 15 mg/m ³	5 mg/m ³ 10 mg/m ³ (TWA) 5 mg/m ³ (TWA)

ENGINEERING MEASURES:	Ensure adequate ventilation.
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PERSONAL PROTECTIVE EQUIPMENT:

GENERAL:	Eye Wash and Safety Shower
RESPIRATORY PROTECTION:	If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, a NIOSH-certified respirator with organic vapor/P100 filter should be worn.
EYE PROTECTION:	Safety Glasses with side-shields.
HAND PROTECTION:	Recommended: neoprene, latex, nitrile, butyl rubber and polyethylene type.
HYGIENE MEASURES:	Avoid contact with skin, eyes and clothing.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Grease
APPEARANCE:	Green
ODOR:	Fruity Mint-like
ODOR THRESHOLD:	No information available.
pH:	Not applicable.
pH DILUTION:	No information available.
MELTING/FREEZING POINT:	No information available.
BOILING POINT/RANGE:	No information available.
FLASH POINT:	260 °C / 500 °F
METHOD:	Cleveland Open Cup (COC)
EVAPORATION RATE:	No information available.
FLAMMABILITY LIMITS IN AIR	
UPPER FLAMMABILITY LIMIT:	No information available.
LOWER FLAMMABILITY LIMIT:	No information available.
VOC CONTENT:	No information available.
VAPOR PRESSURE:	No information available.
VAPOR DENSITY:	No information available.
SPECIFIC GRAVITY (G/CC, 15 C):	0.90
BULK DENSITY (LB/GAL, 15 C):	7.51
WATER SOLUBILITY:	Insoluble.
PARTITION COEFFICIENT: N-OCTANOL/WATER:	No information available.
AUTO-IGNITION TEMPERATURE:	No information available.
DECOMPOSITION TEMPERATURE:	No information available.
KINEMATIC VISCOSITY:	170 mm ² /s @ 40 C
DYNAMIC VISCOSITY:	No information available.
MOLECULAR WEIGHT:	No information available.

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under recommended storage conditions.
CONDITIONS TO AVOID:	None known.
MATERIALS TO AVOID:	Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon oxides. Oxides of phosphorus. Sulphur oxides. Nitrogen oxides (nox).
HAZARDOUS POLYMERIZATION:	Not applicable.

SECTION 11: TOXICOLOGICAL INFORMATION

No toxicological information is available on the product. Data obtained on components are summarized below.

INFORMATION ON LIKELY ROUTES OF EXPOSURE

INHALATION:	May cause irritation of respiratory tract.
EYE CONTACT:	Irritating to eyes.
SKIN CONTACT:	Prolonged contact may cause redness and irritation.
INGESTION:	Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

SECTION 11: TOXICOLOGICAL INFORMATION (CONTINUED)

COMPONENTS	LD50 ORAL	LD50 DERMAL	LC50 INHALATION
Thickening Agent	---	---	---
Zinc alkyldithiophosphate	Rat 2000-5000 mg/kg; based	Rabbit >5000 mg/kg;	---
Benzenamine, N-phenyl-, reaction products	on similar materials	similar materials	---
with 2,4,4-trimethylpentene	---	---	---

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT- AND LONG-TERM EXPOSURE

CARCINOGENICITY: The table below indicates whether each agency has listed any ingredient as a carcinogen.

COMPONENTS	IARC CARCINOGENS	NTP	OSHA – SELECT CARCINOGENS
Thickening Agent	Not listed.	Not listed.	Not listed.
Zinc alkyldithiophosphate	Not listed.	Not listed.	Not listed.
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not listed.	Not listed.	Not listed.

SENSITIZATION: No information available.

MUTAGENIC EFFECTS: No information available.

REPRODUCTIVE TOXICITY: No information available.

DEVELOPMENTAL TOXICITY: No information available.

TERATOGENIC: No information available.

SPECIFIC TARGET ORGAN

SYSTEMIC TOXICITY (SINGLE EXPOSURE): No information available.

SPECIFIC TARGET ORGAN

SYSTEMIC TOXICITY (REPEATED EXPOSURE): No information available.

ASPIRATION HAZARD: No information available.

ADDITIONAL INFORMATION ON TOXICOLOGICAL EFFECTS: MINERAL OIL INFORMATION: Any product containing a substance for which OSHA has established a permissible exposure limit (PEL) is considered hazardous. OSHA has established a PEL of 5 mg/m³ for worker exposure to air borne mists of mineral oils. Therefore, the presence of mineral oils brings this product within the provisions of the OSHA Hazard Communication Standard where the PEL reaches or exceeds 5 mg/m³. Health studies have shown that many petroleum hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

SECTION 12: ECOLOGICAL INFORMATION**TOXICITY**

COMPONENTS	ECOTOXICITY – FISH SPECIES DATA:	ECOTOXICITY – FRESHWATER ALGAE DATA:	ECOTOXICITY – WATER FLEA DATA:
Thickening Agent	No data.	No data.	No data.
Zinc alkyldithiophosphate	1 10	1 – 1.5 mg/L	EC50 (Daphnia magna – 48h) = 1 – 1.5 mg/L
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	No data.	No data.	No data.

0.58981% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

PERSISTENCE AND DEGRADABILITY: No information available.

BIOACCUMULATION: No information available.

COMPONENTS	OCTANOL/WATER PARTITION COEFFICIENT
Thickening Agent	---
Zinc alkyldithiophosphate	---
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	---

MOBILITY: No data available.

OZONE: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE FROM RESIDUES/UNUSED PRODUCTS: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

CONTAMINATED PACKAGING: Do not re-use empty containers.

METHODS FOR CLEANING UP: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Not regulated.

TDG (CANADA)

PROPER SHIPPING NAME: Not regulated.

IMDG/IMO

PROPER SHIPPING NAME: Not regulated.

IATA/ICAO

PROPER SHIPPING NAME: Not regulated.

SECTION 15: REGULATORY INFORMATION

FEDERAL REGULATIONS:

OSHA HAZARD COMMUNICATION STANDARD: This product is considered to be hazardous under the OSHA Hazard Communication Standard.

CERCLA/SARA INFORMATION:

SARA (311/312) HAZARD CLASS: This product possesses the following SARA Hazard Categories:

Immediate Health (Acute): Yes
 Delayed Health (Chronic): No
 Flammability: No
 Pressure: No
 Reactivity: No

COMPONENTS	HAZARDOUS SUBSTANCES AND RQs	EXTREMELY HAZARDOUS SUBSTANCES AND TPQs	SARA 313 EMISSION REPORTING
Thickening Agent	Not listed.	Not listed.	Not listed.
Zinc alkyldithiophosphate	Not listed.	Not listed.	1.0 %
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not listed.	Not listed.	Not listed.

CERCLA/SARA 313 EMISSION REPORTING: 1.4 % Zinc compounds (EPA ID E649699)

CLEAN AIR AND CLEAN WATER ACTS:

SECTION 15: REGULATORY INFORMATION (CONTINUED)

COMPONENTS	HAZARDOUS AIR POLLUTANTS	CWA – HAZARDOUS SUBSTANCES	CWA – TOXIC POLLUTANTS	CWA – PRIORITY POLLUTANTS
Thickening Agent	Not listed.	Not listed.	Not listed.	Not listed.
Zinc alkyldithiophosphate	Not listed.	Not listed.	Listed.	Not listed.
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not listed.	Not listed.	Not listed.	Not listed.

U.S. STATE REGULATIONS (RTK):

COMPONENTS	CALIFORNIA PROPOSITION 65	PARTK	MI CRITICAL MATERIALS	NJRTK	MARTK
Thickening Agent	Not listed.	Not listed.	Not listed.	Not listed.	Not listed.
Zinc alkyldithiophosphate	Not listed.	Environmental hazard.	100 lb	3012	Not listed.
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not listed.	Not listed.	Not listed.	Not listed.	Not listed.

CALIFORNIA PROP. 65 STATUS:

May contain trace amounts of listed chemicals: Silica, Napthalene.

RCRA STATUS:

Not regulated.

CANADIAN REGULATIONS

CANADA – WHMIS CLASSIFICATION INFORMATION:

This product has been classified according to the hazard criteria of the CPR and the SDS contains all the information required by the CPR.

CANADIAN PRODUCT CLASSIFICATION:

Class D2B

PRODUCT CLASSIFICATION GRAPHIC(S):



COMPONENT CLASSIFICATION DATA:

COMPONENTS	WHMIS HAZARD CLASS	CEPA SCHEDULE I	CHALLENGE SUBSTANCES
Thickening Agent	None.	Not listed.	Not listed.
Zinc alkyldithiophosphate	D2B	Not listed.	Not listed.
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	None.	Not listed.	Not listed.

INVENTORY STATUS:

UNITED STATES TSCA – SECT. 8(b) INVENTORY:

This product complies with TSCA.

CANADA DSL/NDSL INVENTORY LIST:

All components are either on the DSL or the NDSL.

SECTION 16: OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.)

Health:

Flammability:

Physical Hazards:

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)

Health:

Flammability:

Instability:

Caution: HMIS® and NFPA ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

The customer is responsible for determining the PPE code for this material.

HISTORY

DATE ISSUE (MM/DD/YYYY):

VERSION:

REVISED SECTION(S):

KEY TO ABBREVIATIONS:

ATE = Acute Toxicity Estimate

BCF = Bio-concentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Code

LogPow = logarithm of the octanol/water partition coefficient

MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

NOTICE TO THE READER:

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.