

PRODUCT NAME: White Lithium Grease ABRO MASTERS
PRODUCT NUMBER/SIZE: LG-380-200-AM-RE **Revision Date:** 06/19/2021

SECTION 1
Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Drive
South Bend, IN 46628 USA
PRODUCT DESCRIPTION: Grease
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2
Hazards Identification

Classification:

Flammable Aerosol Category 1
Carcinogen Category 2
Eye irritation Category 2A
Skin Irritation Category 2
Specific target organ toxicity - single exposure Category 3 - Central nervous system
Specific target organ toxicity – repeated exposure Category 2 – Central nervous system, Liver, Blood

Label Pictogram(s):



Signal Word: DANGER

Hazard Phrases: Extremely flammable aerosol. Suspected of causing cancer. Causes serious eye irritation. Causes skin irritation. May cause drowsiness or dizziness. May cause damage to organs (central nervous system, liver and blood) through prolonged or repeated exposure.

Precautionary Phrases: Keep away from heat, sparks, open flames and hot surfaces. No smoking. Do not spray on open flame or other ignition sources. Pressurized container. Do not pierce or burn, even after use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash hands thoroughly after using. Wear eye and face protection. Do not breathe fumes, spray, mist or vapors. Use only outdoors or in a well-ventilated area. Wear protective gloves.

Response: If exposed or concerned or if you feel unwell, get medical attention. 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 attention. IF INHALED: Remove victim to fresh air and keep in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. Refer to first aid section in this SDS. If skin irritation occurs get medical attention. Take off contaminated clothing and wash before reuse.

Storage / Disposal: Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F. Store locked up in a well ventilated place. Keep container tightly closed. Dispose of contents and container in accordance with Federal, State and Local regulations.

Other: Keep out of reach of children. Read label before use. If medical advice is needed, have product container or label at hand.

SECTION 3 Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
2-(2-butoxyéthoxy) Éthanol	112-34-5	20-30
Low Odor Base Solvent	64742-47-8	20-30
Stoddard Solvent	8052-41-3	20-30
Distillates (petroleum), Hydrotreated Heavy Naphthenic	64742-52-5	10-20
Carbon Dioxide	124-38-9	1-3
Trimethylbenzene	25551-13-7	1-3
Distillates (petroleum), Solvent-refined Heavy Paraffinic	64741-88-4	0.1-1
Ethylbenzene	100-41-4	0.1-1
Benzene, 1-Methylethyl	98-82-8	0.1-0.5
Titanium Dioxide	13463-67-7	0.1-0.5
Zinc Oxide	1314-13-2	0.1-0.5

SECTION 4 First Aid Measures

First Aid Measures

Immediate Medical Attention:	Routes of exposure include: SKIN CONTACT INHALATION INGESTION EYE CONTACT.
Eyes:	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
Skin	Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.
Ingestion	Get medical attention immediately. If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Signs & Symptoms Of Over Exposure: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Prolonged or repeated contact can result in defeating and drying of the skin which may result in skin. Irritation and dermatitis (rash). Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. This material may be harmful or fatal if swallowed. Corrosive and may cause severe and permanent damage to mouth, throat and stomach. Prolonged inhalation may be harmful. Overexposure may cause nervous system damage. Overexposure may cause lung damage. Overexposure may cause kidney damage.

Special Treatment: No information available.

SECTION 5 Fire Fighting Measures

Extinguishing media Dry chemical, foam, carbon dioxide, sand. Water may be an ineffective extinguishing medium.

Hazardous Combustion: Carbon monoxide and carbon dioxide.

Protective Equipment and Precautions for firefighters: This product is combustible at high temperatures. Toxic fumes, gases or vapors may evolve on burning. Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion. Use water spray to cool fire-exposed containers and as a protective screen. Wear full set of protective equipment including chemical goggles and gloves.

Flammability per Flame Projection Test Not determined.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Avoid inhalation of fumes from molten product. Avoid skin contact with molten resins. Wear appropriate protective equipment and clothing during clean-up. Isolate area. Keep unnecessary personnel away.

Methods/materials for containment and cleanup: Contain the discharge material. Eliminate all sources of ignition or flammables that may come into contact with a spill of this material. Attempt to reclaim the free product, if this is possible. If molten product spilled, solidify and recover.

Environmental precautions: Do not allow the spilled product to enter public drainage systems or open water courses.

SECTION 7 Handling and Storage

Precautions for Safe Handling	Avoid breathing fumes if this product is used at high temperatures. Keep away from potential sources of ignition. Wash hands after handling and before eating.
Conditions for Safe Storage	Keep the container tightly closed and in a cool, well-ventilated place. Store away from strong oxidizers. Do not store this material in open and unlabeled containers.

SECTION 8 Exposure Controls/Personal Protection

COMPONENTS	CAS Number	OSHA PEL	ACGIH TLV
No information available.			

No ACGIH, NIOSH or OSHA exposure guidelines listed for the product's components. If oil mists are generated, observe the OSHA exposure limit of 5 mg/m³.

Engineering Controls:

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

Personal Protection:

Respiratory protection:

Under normal conditions, respirator is not normally required. General: Use good industrial hygiene practices.

Eye protection: Wear safety goggles or face shield when working with melted material.

Skin protection: Chemically resistant gloves with thermal protection when working with melted paraffin.

Work/Hygienic/Maintenance Practices: No information available.

SECTION 9 Physical and Chemical Properties

Appearance and Physical State:	Colored Liquid
Odor:	Ketone
Odor Threshold:	Not Available
pH:	5.5
Melting Point/Freezing Point:	Not Available
Initial boiling point & boiling range:	> 75° C
Flash Point:	- 10 °C (open cup test)
Evaporation rate:	Slow
Flammability (solid, gas)	Not Available
Upper/lower flammability or explosive limits	Lower: 1.81-5 % Upper 11.5-27 %
Vapor pressure	Compressed gas
Vapor density	2.0-3.5 (Air = 1)

Relative density	Not Available
Specific gravity	0.9-1.0 (water = 1)
Solubility	Part soluble
Partition Coefficient n-Octanol/Water	Not Available
Auto-ignition Temperature:	> 350 °C
Decomposition Temperature:	Not Available
Viscosity:	Not Available
VOC Content:	40-60%
CARB VOC Category/Standard (%)	Not Available
OTC Model Rule Category/Standard (%)	Not Available
US EPA Cons Prod Category/Standard (%)	Not Available
Weight per gallon	Not Available
Solids in weight %	Not Available

SECTION 10 Stability and Reactivity

Reactivity	No information available.
Chemical Stability:	Stable.
Possibility of hazardous reactions:	No information available.
Conditions to avoid (e.g. static discharge, shock or vibration):	Avoid excessive heat and all sources of ignition.
Incompatibilities:	Strong oxidizing agents, strong acids and strong base
Hazardous decomposition products:	Carbon dioxide, carbon monoxide.
Hazardous polymerization:	Will not occur.

SECTION 11 Toxicological Information

Likely Routes of Exposure:	Routes of exposure include: SKIN CONTACT, INHALATION INGESTION, and EYE CONTACT
Symptoms:	This material is typically inert. Paraffin fumes are a result of overheating product. Fumes are known to be mildly irritating to the nose, throat, and eyes.
Delayed and Immediate Effects:	No information available.
Acute Health Effects:	No information available.
Toxicological Information:	No information available.
Carcinogen Information:	Not listed by ACGIH, IARC, NIOSH, NTP or OSHA. None of this product's components are listed by ACGIH, IARC, NIOSH, NTP or OSHA. Methylene Chloride is a suspected carcinogen.

No information available for this product as a whole on Teratogenicity, Reproductive Effects, Neurotoxicity, or Mutagenicity.

SECTION 12 Ecological Information

Eco-toxicity:	No information is available on the ecotoxicity of this product. Keep product out of sewers and waterways.
Persistence and Degradability:	No information available.
Bioaccumulation Potential:	No information available.
Mobility in Soil:	No information available.
Other Adverse Effects:	No information available.

SECTION 13 Disposal Considerations

Storage and Disposal	Protect from sunlight. Do not expose to temperatures exceeding 50° C / 122 ° F. Store locked up in a well ventilated place. Keep container tightly closed.
Waste Disposal Method:	Incinerate the material under controlled conditions in an approved incinerator. Product as shipped does not meet the definition or characteristics of a hazardous waste. No EPA Waste Numbers are applicable for this product's components.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

Additional Shipping Information: 32198

U.S. DOT	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols
	Hazard class:	2.1
	Packing Group:	Not applicable
	Exceptions:	May be shipped as consumer commodity or limited quantity
	Environmental Hazards:	None
	Transport in Bulk:	Not applicable
	Special Precautions:	ERG#126
IMO/IMDG	UN/ID Number:	UN1950
	Proper shipping name:	Aerosols
	Hazard class:	2.1

Packing Group: Not applicable
Exceptions: May be shipped as a limited quantity
Environmental Hazards: None
Transport in Bulk: Not applicable
Special Precautions: EMS: F-D, S-U

ICAO/IATA UN/ID Number: UN1950
Proper shipping name: Aerosols, flammable containing substances in division 6.1, packing group III
Hazard Class: 2.1 (6.1)
Packing Group: Not applicable
Exceptions: May be shipped as consumer commodity or limited quantity
Environmental Hazards: None
Transport in Bulk: Not applicable
Special Precautions: None

Canada (TDG) UN/ID Number: UN1950
Proper shipping name: Aerosols
Hazard class: 2.1
Packing Group: Not applicable
Exceptions: May be shipped as consumer commodity or limited quantity
Environmental Hazards: None
Transport in Bulk: Not applicable
Special Precautions: ERG#126

Europe (ADR/RID) UN/ID Number: UN1950
Proper shipping name: Aerosols, flammable
Hazard class: 2.1
Packing Group: Not applicable
Exceptions: May be shipped as limited quantity
Environmental Hazards: None
Transport in Bulk: Not applicable
Special Precautions: None

SECTION 15 Regulatory Information

U.S. Federal Regulatory Information:

A. General Product Information - All components of this product are listed on the U.S. EPA TSCA Inventory.

B. Component Information - None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4).

State Regulations:

A. General Product Information - No components require labeling under California Proposition 65.

B. Component Information - None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

Other Regulations:

A. General Product Information - All known (non-proprietary) components of this product are listed on the EINECS inventory of existing chemicals.

B. Component Information - None of this product's components are listed on the Canadian Controlled Product Ingredient Disclosure List.

SECTION 16 Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable