Safety Data Sheet

SECTION I - IDENTIFICATION

PRODUCT IDENTIFIER: Master Lube N/C
PRODUCT CODE: 120470
RECOMMENDED USE: Penetrating lube
RESTRICTIONS ON USE: None Known
COMPANY NAME: Beaver Research Company
COMPANY ADDRESS: 3700 Kilgore Rd., Portage, MI 490002
COMPANY PHONE: 269-382-0133
EMERGENCY PHONE: **EMERGENCY PHONE: INFOTRAC (24 hrs) 1-352-323-3500 (International), 1-800-535-5053 (North America)**

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Dissolved Gas
Eye Irritant: Category 2B
Aspiration Hazard: Category 1
HAZARD STATEMENT(S): DANGER: Contains gas under pressure; May explode if heated. Causes eye irritation. May be fatal if swallowed and enters airways.
This product contains the following percentage of chemicals of unknown toxicity: 0%
PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state, and national regulations. 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 or attention.
SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Distillates (petroleum), hydrotreated light	64742-47-8	30-60%
Mineral Oil	8042-47-5	30-60%
Carbon Dioxide	124-38-9	5-25%
Octamethylcyclotetrasiloxane	556-67-2	1-5%

SECTION IV - FIRST AID MEASURES

EYES: 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 or attention.
INGESTION: If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.
INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek immediate medical attention.
SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk
CHRONIC HEALTH HAZARDS: None known
NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, foam, or Carbon Dioxide (CO_2).
UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.
SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.
SPILL: Remove all sources of ignition, ventilate, avoid breathing vapors and remove all inert absorbent.
WASTE DISPOSAL: Dispose of contents 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.
RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use. Store locked up.
OTHER PRECAUTIONS: Keep out of the reach of children.
INCOMPATIBILITY: Strong oxidizing agents, strong reducing agents, some plastics.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Distillates (petroleum), hydrotreated light	Not Established	Not Established
Mineral Oil	5 mg/m3	10 mg/m3
Carbon Dioxide	5000 ppm	5000 ppm
Octamethylcyclotetrasiloxane	Not Established	Not Established

ENGINEERING CONTROLS / VENTILATION: General ventilation adequate.
RESPIRATORY PROTECTION: Not required with adequate ventilation
PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves
ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Amber Spray
ODOR: Bland odor
ODOR THRESHOLD: N/D
pH: N/A
MELTING POINT/FREEZING POINT: N/D
INITIAL BOILING POINT AND BOILING RANGE: N/D
FLASH POINT: > 200°F (93°C)
EVAPORATION RATE: <1
FLAMMABILITY(solid/gas): Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:
LOWER FLAMMABILITY LIMIT: N/D
UPPER FLAMMABILITY LIMIT: N/D
EXPLOSIVE LIMIT LOWER (%): N/D
EXPLOISVE LIMIT UPPER (%): N/D
VAPOR PRESSURE (mm Hg): Not Established
VAPOR DENSITY (AIR=1): N/D

RELATIVE DENSITY (H2O=1): 0.82 - 0.83 g/ml @ 77°F (25°C)
SOLUBILITY(IES): Non-soluble in water
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
AUTOIGNITION TEMPERATURE: N/D
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY

REACTIVITY: If exposed to strong oxidizers, presents explosion hazard.
CHEMICAL STABILITY: Stable
POSSIBLE HAZARDOUS REACTIONS: None Known
CONDITIONS TO AVOID: Temperatures greater than 122°F and sources of ignition.
INCOMPATIBLE MATERIALS: Strong oxidizing agents, strong reducing agents, some plastics.
HAZARDOUS DECOMPOSITION PRODUCTS: None Known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: **Distillates (petroleum), hydrotreated light** (64742-47-8) LD_{50} (Oral, Rat) >5000 mg/kg; LD_{50} (Dermal, Rabbit) >2000 mg/kg **Mineral Oil** (8042-47-5): LD_{50} (Oral, Rat) >5000mg/kg LD_{50} (Dermal, Rabbit) >2000mg/kg **Octamethylcyclotetrasiloxane** (556-67-2) LD_{50} (Oral, Rat) 1540 mg/kg; LD_{50} (Dermal, Rabbit) 0.8 mg/kg; LC_{50} (Rat. 4hr) 36 g/m^3
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: Causes irritation, redness, tearing.
INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting, aspiration hazard.
INHALATION: Causes dizziness, excessive or prolonged exposure may cause unconsciousness.
SKIN: May cause irritation, localized defatting, dermatitis, with prolonged or repeated contact.
MEDICAL CONDITION AGGRAVATED: Pre-existing conditions of the skin, liver, CNS, and kidneys
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk
CHRONIC HEALTH HAZARDS: None known
CARCINOGENICITY: **OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOTOXICITY: **Distillates (petroleum), hydrotreated light** (64742-47-8) Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. May adsorb to sediments and possibly cause toxics effects to organisms. **Mineral Oil** (8042-47-5): Ecological testing has not been conducted on this product. **Octamethylcyclotetrasiloxane** (5567-67-2): This product is volatile and has a very short half life in the aquatic environment and therefore does not present a risk to aquatic organisms.
PERSISTENCE AND DEGRADABILITY: Component or components of this product are not biodegradable.
BIOACCUMULATIVE POTENTIAL: This product is not expected to bioaccumulate.
MOBILITY IN SOIL: This product is mobile in soil.
OTHER ADVERSE EFFECTS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of contents 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.
RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.2
UN/NA NUMBER: UN 1950
PACKING GROUP: N/A

AIR SHIPMENT
PROPER SHIPPING NAME: Aerosols
HAZARD CLASS/DIVISION: 2.2
UN/NA NUMBER: UN 1950
PACKING GROUP: N/A

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.2
UN/NA NUMBER: UN 1950
PACKING GROUP: N/A
ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None
SARA 311/312 HAZARD CATEGORIES: None
SARA 313 REPORTABLE INGREDIENTS: None
STATE REGULATIONS: This product can expose you to chemicals including Cumene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

INTERNATIONAL REGULATIONS: All components are listed or exempted.
VOLATILE ORGANIC COMPOUNDS (VOC): < 1%

NFPA HEALTH:	1	**HMIS HEALTH:**	1
NFPA FLAMMABILITY:	1	**HMIS FLAMMABILITY:**	1
NFPA REACTIVITY:	0	**HMIS REACTIVITY:**	0
NFPA OTHER:	None	**HMIS PROTECTION:**	A

SECTION XVI - OTHER INFORMATION

PREPARATION BY: Andrew Bach
DATE PREPARED: 12/30/2013
REVISION DATE: 02/11/2019

N/A = Not Applicable; N/D = Not Determined

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