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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** 133MA ANTI-SEIZE LUBRICANT 8.5 OZ  
**Item No:** 81464  
**Product Type:** Aerosol lubricant

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Component:   | Weight% | ACGIH; TLV-TWA      | OSHA PEL                         |
|--|---------|---------------------|----------------------------------|
| ACETONE<br>67-64-1   | 15-40   | 500 ppm             | 1000 ppm; 2400 mg/m <sup>3</sup> |
| HEPTANE<br>142-82-5  | 10-30   | 400 ppm             | 500 ppm; 2000 mg/m <sup>3</sup>  |
| DISTILLATES (PETROLEUM),<br>HYDROTREATED HEAVY<br>NAPHTHENIC<br>64742-52-5 | 10-30   | Not listed          | Not listed                       |
| CALCIUM OXIDE<br>1305-78-8   | 5-15    | 2 mg/m <sup>3</sup> | 5 mg/m <sup>3</sup>              |
| ALUMINIUM POWDER<br>7429-90-5  | 1-10    | 1 mg/m <sup>3</sup> | 15 mg/m <sup>3</sup>             |
| GRAPHITE<br>7782-42-5  | 1-10    | 2 mg/m <sup>3</sup> | 15 mg/m <sup>3</sup>             |
| CARBON DIOXIDE<br>124-38-9   | 1-10    | 5000 ppm            | 5000 ppm; 9000 mg/m <sup>3</sup> |

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye, skin and respiratory irritation. Long term exposure to high concentrations of vapor may cause lung, liver or kidney damage. Intentional misuse by concentrating and inhaling the vapor may be harmful or fatal. High concentrations may cause central nervous system (CNS) depression.

**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation

**Signs and Symptoms of Exposure:** Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. May cause redness to eyes and irritation to nasal passages.

| Component:         | Weight% | NTP | ACGIH Carcinogens                           | IARC Carcinogen |
|--------------------|---------|-----|---|-----------------|
| ACETONE<br>67-64-1 | 15-40   |     | A4 - Not Classifiable as a Human Carcinogen |                 |

**Aggravated Medical Condition:** Persons with preexisting respiratory, liver, kidney, eye or skin diseases may be adversely affected.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, do not induce vomiting - seek medical advice. Never give anything by mouth to an unconscious person.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.

**Skin Contact:** Wash off with soap and water. If skin irritation persists, call a physician.

**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 5. FIRE FIGHTING MEASURES

**Flash Point °F(C°):** Flammable aerosol per flame projection

**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.

**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus. Keep containers cool. Use equipment or shielding required to protect against bursting or venting of containers. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.

## 5. FIRE FIGHTING MEASURES

|  |  |
|--|--|
| <b>Hazardous Products of Combustion:</b> | Oxides of carbon, Copper oxide   |
| <b>Unusual Fire/Explosion Hazards:</b>   | Contents under pressure. Exposure to temperatures over 120 degrees F. may cause bursting or venting. Use equipment or shielding to protect personnel from bursting containers. |
| <b>Lower Explosive Limit:</b>            | ND   |
| <b>Upper Explosive Limit:</b>            | ND   |

## 6. ACCIDENTAL RELEASE MEASURES

|                          |  |
|--------------------------|--|
| <b>Spill Procedures:</b> | Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. |
|--------------------------|--|

## 7. HANDLING AND STORAGE

|                  |  |
|------------------|--|
| <b>Storage:</b>  | Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C). Exposure to high temperatures may cause container to burst.   |
| <b>Handling:</b> | Do not use near heat, sparks or open flame. Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools and appliances, and other sources of ignition. Do not puncture or incinerate container. Vapors may accumulate readily and may ignite explosively. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Intentionally concentrating and inhaling the vapor may be harmful or fatal. Avoid contact with skin and eyes. Wash hands before eating and smoking. |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                                |   |
|--------------------------------|---|
| <b>Eyes:</b>                   | Safety glasses.   |
| <b>Skin:</b>                   | Neoprene or nitrile gloves recommended.   |
| <b>Ventilation:</b>            | Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. |
| <b>Respiratory Protection:</b> | An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.          |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                               |                        |
|-------------------------------|------------------------|
| <b>Appearance:</b>            | Gray liquid            |
| <b>Odor:</b>                  | Solvent                |
| <b>Boiling Point:</b>         | Not determined         |
| <b>pH:</b>                    | Does not apply         |
| <b>Solubility in Water:</b>   | Nil                    |
| <b>Specific Gravity:</b>      | 0.885-0.905            |
| <b>VOC(Wt.%):</b>             | 24.5%                  |
| <b>Vapor Pressure:</b>        | Not Determined         |
| <b>Vapor Density (Air=1):</b> | >1 (air = 1)           |
| <b>Evaporation Rate:</b>      | <1 (butyl acetate = 1) |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Chemical Stability:</b>               | Stable at normal conditions                              |
| <b>Hazardous Polymerization:</b>         | Will not occur   |
| <b>Incompatibilities:</b>                | Strong oxidizers   |
| <b>Conditions to Avoid:</b>              | Keep away from heat, sparks and open flame. - No smoking |
| <b>Hazardous Products of Combustion:</b> | Oxides of carbon, Copper oxide                           |

## 11. TOXICOLOGICAL INFORMATION

See Section 3

## 12. ECOLOGICAL INFORMATION

No data available

## 13. DISPOSAL CONSIDERATIONS

|  |   |
|--|---|
| <b>Recommended Method of Disposal:</b> | Disposal should be made in accordance with federal, state and local regulations. This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. If recycling is not available, wrap the container and discard in the trash. |
| <b>US EPA Waste Number:</b>            | D001 as per 40CFR 261.21  |

## 14. TRANSPORTATION INFORMATION

### DOT (49CFR 172)

#### U.S. Department of Transportation - DOT - 49 CFR (Ground)

**DOT Shipping Name:** Aerosols, Limited Quantity  
**Hazard Class:** Class 2.1  
**UN/ID Number:** UN 1950

### IATA (Air)

**Proper Shipping Name:** Consumer Commodity  
**Class or Division:** Class 9  
**UN/ID Number:** ID 8000

### IMDG (Vessel)

**Proper Shipping Name:** Aerosols, Limited Quantity  
**Hazard Class:** Class 2.1  
**UN Number:** UN 1950

**Marine Pollutant:** None

## 15. REGULATORY INFORMATION

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

None

**California Proposition 65:** WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm

**TSCA Inventory Status:** All components of this product are listed (or exempt) on the EPA TSCA inventory.

## 16. OTHER INFORMATION

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 4, REACTIVITY 1.

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 4, PHYSICAL HAZARD 0

(NFPA is a registered trademark of the National Fire Protection Association)

(HMIS is a registered trademark of the National Paint and Coatings Association)

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