

# MATERIALS SAFETY DATA SHEET

## SECTION 1 – PRODUCT IDENTIFICATION AND USE

**PRODUCT IDENTIFIER:** SILICON LUBRICANT 11 30 23

**PRODUCT HAZARD RATINGS (NFPA):** Health = 1, Fire = 4, Reactivity = 0, Protective Equipment = \*A  
(Rating Legend: 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

**DISTRIBUTOR'S NAME:** MICRO STAR 2000 INC.  
**DISTRIBUTOR'S ADDRESS:** 225 Bradwick Drive, Unit 21  
Concord, Ontario  
L4K 1K7

**EMERGENCY PHONE NUMBER:** 1-200-228-5635 Ext. 009

## SECTION 2 – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| Chemical Names                           | Exposure Limits<br>(LD50-Oral Rat) | SARA Title III<br>SEC 313 | ACGIH<br>TLV/TWA | OSHA<br>PEL | % By<br>Wt. |
|--|------------------------------------|---------------------------|------------------|-------------|-------------|
| Isoparaffinic Solvent (CAS#64741-66-8)   | >5g/kg                             | No                        | 400 ppm*         | NE          | 15-28       |
| Pentane (CAS#109-66-0/78-78-4)           | NA                                 | No                        | 600 ppm          | 600 ppm     | 25-30       |
| Liquefied Petroleum Gas (CAS#68476-85-7) | NA                                 | No                        | 1000 ppm         | 1000 ppm    | 50-55       |

\* Recommended by Exxon

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard.  
Components listed as a suspected carcinogen: None

**WHMIS:** Class B Division 5: Flammable Aerosols

## SECTION 3 – PHYSICAL CHARACTERISTICS

**Boiling Point:** N/A

**Solubility/Water:** Negligible

**Appearance and Odor:** Clear – Faint Hydrocarbon Petroleum Odor

**Vapor Pressure:** 70-75 @ 130°F

**Vapor Density (AIR=1):** >1

**Specific Gravity (H2O=1):** <1.0

**Evaporation Rate (Ether=1):** <1

PRODUCT IDENTIFIER: SILICON LUBRICANT 11 30 23

---

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Aerosol Flammability:** This product is considered to be extremely flammable as described in 16CFR 1500.45.

**Flammable Limits – Volume in Air (Propellant):** LEL: 1.8 UEL: 9.2

**Extinguishing Media:** Carbon dioxide, foam and/or dry chemical may be used.

**Special Fire Fighting Procedures:** Containers should be cooled with water to prevent vapor pressure build up.

Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

**Unusual Fire and Explosion Hazards:** At elevated temperatures (over 54°C-130°F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

---

## SECTION 5 – REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** N/A

**Incompatibility (materials to avoid):** Oxidizing agents

**Hazardous Decomposition Products:** Carbon Dioxide, Carbon Monoxide and additional toxic chemicals may be formed in small amounts.

**Conditions to Avoid:** Do not store above 54°C-130°F. Keep away from heat, direct sunlight, open flame or sparks. Dropping of containers may cause bursting.

---

## SECTION 6 – FIRST AID MEASURES

**INHALATION:** Remove patient from exposure, keep warm and at rest. Obtain immediate medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin with water and soap. If symptoms (irritation or blistering) occur obtain medical attention.

**EYE CONTACT:** Immediately irrigate with eyewash solution or clear water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention.

**INGESTION:** Wash mouth out with water and give 200 – 300 ml (half a pint) of water to drink. Do not induce vomiting. Obtain medical attention.

---

## SECTION 9 – PREPARATION OF MATERIAL SAFETY DATA SHEET

PREPARED BY: R. Dickertmann

PHONE NUMBER: 905-660-1754

REVISED: July 24, 2008