

**MATERIAL SAFETY DATA SHEET**

**SECTION I - MATERIAL IDENTIFICATION AND USE**

**Material Name Identifier:**

**SI-PZ 1043 Flush / Storage Fluid**

Supplier Name: Sterling Marking Products Inc.  
 Street Address: 349 Ridout St. N.,  
 City and Province: London, Ontario  
 Postal Code: N6A 2N8

Telephone Numbers: (519) 434-5785, (800) 265-5957  
 Fax Number: (519) 434-9516, (800) 667-6600  
 Webpage: <http://www.sterling.ca>

**Emergency Telephone Number: CANUTEC (613) 996-6666; Cellular \*666**

Material Use: **Solvent**

**TDG Shipping Information:**

**Not regulated**

**WHMIS Classification:**

Class D, Division 2B - Skin/Eye Irritant

**IATA Shipping (Air):**

Not regulated

**SECTION II - HAZARDOUS INGREDIENTS**

Component	CAS Registry	Toxicology	Concentration % (w/w)
Technical White Oil	8042-47-5	TLV: ACGIH 5 mg/m <sup>3</sup> TWA (oil mist) 10 mg/m <sup>3</sup> STEL (oil mist) L <sub>D</sub> 50: 2 g/kg dermal L <sub>C</sub> 50: No information available L <sub>D</sub> 50: 5 g/kg oral	50-100
Propanetriol	56-81-5	TLV: Not available	1-20

**Note:** All ingredients are listed on the Domestic Substances List (DSL) and the Toxic Substances Control Act (TSCA) list.

**SECTION III - PHYSICAL DATA**

Physical State: Amber Liquid  
 Specific Gravity: 0.970 – 1.040 @ 25C  
 % Volatile (by volume): 90 - 100  
 Evaporation Rate (n-Butyl acetate = 1) = < 1

Boiling Point (°C): >93  
 Odour: Mild distinctive odor  
 Solubility in Water: Negligible  
 Flash Point (°C): >93.3

**SECTION IV - FIRE AND EXPLOSION DATA**

Flammability: Not flammable  
 LEL (% vol) lowest value of components: n/a  
 UEL (% vol) highest value of components: n/a  
 Means of Extinction: Carbon dioxide, dry chemical, or alcohol foam

Flash Point (°C TCC): >93.3

**SECTION V - REACTIVITY DATA**



Stability: Stable  
Incompatibility: Oxidizing materials  
Hazardous Decomposition Products: Carbon Monoxide on combustion

## SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin, Inhalation, Ingestion

### Effects of Chronic Exposure:

**Carcinogenicity:** Prolonged and repeated skin exposure of mice to certain middle distillate streams has resulted in dermatitis, which has been associated with the promotion of skin tumors via non-genotoxic mechanism. This material has not been identified as a carcinogen by NTP, IARC, or OSHA.

**Eye:** Slight irritation

**Aspiration Hazard:** Acute aspiration of large amounts of oil-laden material may produce serious aspiration pneumonia. Patients who aspire these oils should be followed for the development of long-term sequelae.

**Irritancy:** Hazardous by WHMIS criteria

**Respiratory Tract Sensitization:** Insufficient data available

**Carcinogenicity:** No component listed by AGCIH, IARC, NIOSH, NTP, or OSHA.

## SECTION VII - PREVENTATIVE MEASURES

**Gloves:** Solvent impermeable gloves are required for repeated or prolonged contact.

**Eye Protection:** Wear safety glasses meeting the specification of ANSI Z87.1 where contact with the eye is anticipated. Chemical safety goggles meeting the specifications of ANSI Z87.1 should be worn whenever there is a possibility of splashing or other contact with the eyes.

**Respiratory Protection:** Appropriate respiratory protection is required when exposure to airborne contaminant is likely to exceed acceptable limits..

**Other Protective Equipment:** As necessary to avoid prolonged contact.

**Engineering Controls:** None required.

**Leak and Spill Procedure:** Isolate spill. Prevent run-off to sewers or other bodies of water. Absorb liquid with suitable absorbent material and place in containers for proper disposal.

**Waste Disposal:** Dispose contaminated absorbent in accordance with local, provincial and federal regulations.

**Storage Requirements:** Store in a tightly closed container. Store away from incompatible materials. Store in a cool, dry, well-ventilated area. Ensure storage area has adequate ventilation and no source of open flame or sparks. Limit quantity of the material in storage. Ensure all bottles are properly labeled.

## SECTION VIII - FIRST AID

Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**Eye:** Immediately flush eyes with large amounts of water for at least 15 minutes, while holding eyelids open. Get medical attention.

**Skin:** Flush affected areas with large amounts of water, remove contaminated clothing. Wash affected areas thoroughly with soap and water. If irritation or redness develops or persists, get medical attention.

**Inhalation:** Remove victim to fresh air. If breathing difficulties develop, administer oxygen and get medical attention. If victim is not breathing, administer artificial respiration and get medical attention.

**Ingestion:** Keep person warm and seek MEDICAL ADVICE on whether to induce vomiting.

**SECTION IX - PREPARATION AND ADDITIONAL INFORMATION**

**Prepared by:** Sterling Marking Products Inc.  
Quality Planning and Engineering Department  
349 Ridout St., N.  
London, Ontario N6A 5S4

Supersedes: October 11, 2011  
Updated: October 02, 2013

**Expires: 02-Oct-2016**

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of the supplier, it is assumed that user of this material has been fully trained according to the mandatory requirements of WHMIS. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal, Quebec (514-873-3990).