

# MATERIAL SAFETY DATA SHEET

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Flitz Stainless Steel & Chrome Polish

**Date Revised:** 01/12/09

**Chemical Family:** Organomodified Polydimethylsiloxane

**Product Use:** Stainless Steel & Chrome Cleaner/Polish

**Supplier:** FLITZ INTERNATIONAL, LTD.

**Address:** 821 Mohr Avenue  
Waterford, WI 53185

**Telephone:** 262-534-5898

**Emergency:** 262-534-5898

## SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS #	Percent
Polydimethylsiloxane	63148-62-9	2-20
Nonionic Surfactants (Alcohol Ethoxylates)	61702-78-1	2-10
2-Butoxyethanol	111-76-2	0-3
Di-Alkyl Quaternary Ammonium Chloride	73398-64-8	10-25

There are no potential health effects expected from handling this material. Good manufacturing practices are always recommended when handling any chemical.

This mixture has not been specifically tested to determine its individual hazards. There are no hazardous materials used in the manufacture of this product and hazard testing of similar products revealed no specific hazards.

## SECTION 3 - HAZARDS IDENTIFICATION

**Emergency Overview:** This product is a thick, off white cream. It may cause irritation to the eyes and skin. may cause irritation of the mouth and the throat, abdominal discomfort, nausea, vomiting and diarrhea.

### Potential Health Effects:

**Eye:** May cause some moderate to severe irritation.

**Skin:** May cause some irritation or discomfort.

**Inhalation:** Short-term harmful health effects are not expected from vapor generated at ambient temperatures.

**Ingestion:** May cause irritation of the mouth and the throat, abdominal discomfort, nausea, vomiting and diarrhea.

**Chronic Effects:** None known

**Carcinogenicity:** Non-hazardous by WHMIS/OSHA criteria. Not listed by IARC, NTP, or ACGIH.

**Teratogenicity, Mutagenicity, Reproductive Effects:** No data available

**Synergistic Materials:** Not available

**Potential Environmental Effects:** No data available

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## SECTION 4 - FIRST AID MEASURES

**Eye:** Immediately flush with warm running water for at least 15 minutes, holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.

**Skin:** Immediately flush exposed area with soap and water for at least 10 minutes. If irritation persists, or if contact has been prolonged, obtain medical attention. Remove contaminated clothing and launder before reuse.

**Inhalation:** Short-term harmful health effects are not expected from vapor generated at ambient temperatures. If first aid is required, move victim to fresh air.

**Ingestion:** Do Not Induce Vomiting. If patient is fully conscious, rinse mouth with water and give 2 glasses of water. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.

## SECTION 5 - FIRE FIGHTING MEASURES

**Flammability:** Not Flammable

**Flash Point:** None - aqueous solution

**Autoignition Temperature:** Not available

**Flame Propagation or Burning Rate of Solid Materials:** Not applicable

**Sensitivity to Static Discharge:** Not sensitive

**Sensitivity to Mechanical Impact:** Not sensitive

**Extinguishing Media:** After water evaporates residue can burn. Use water spray, carbon dioxide, alcohol type or universal type foam applied in accordance with the manufacturer's instructions.

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** Non expected

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Leak and Spill Procedure:** Evacuate area. Ventilate area. Collect for disposal. Clean up remaining materials from spill with suitable absorbent. For large spills provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in compatible drums for recovery or disposal. Clean area as appropriate since some material, even in small quantities, may present a slip hazard. Observe all personal protection equipment recommendations.

## SECTION 7 - HANDLING AND STORAGE

**Storage Requirements:** **Keep Out of Reach of Children.** Store in a cool, dry place away from incompatible materials.

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

**Engineering Controls:** General ventilation usually adequate

**Respiratory Protection:** Not normally required if good ventilation is maintained

**Eye Protection:** Use Chemical safety glasses or full face shield

**Skin Protection:** Use impervious (rubber, nitrile) gloves

**Other Protective Clothing or Equipment:** Eye bath, safety showers, full protective clothing

**Work Hygienic Practices:** The usual precaution for the handling of chemicals must be observed

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Off white cream  
**Odor:** Mild  
**Specific Gravity (H<sub>2</sub>O - 1):** 0.98

**Boiling Point:** (760 mm/Hg): >100°C  
**Solubility In Water:** Dispersible

## SECTION 10 - STABILITY AND REACTIVITY

**Stability:** Stable  
**Incompatible Materials:** None  
**Hazardous Decomposition or By-Products:** None  
**Hazardous polymerization:** Will not occur

## SECTION 11 - TOXICOLOGICAL INFORMATION

There is no test data on this product. Based on the information on the ingredients (see section 2) this product may cause irritation to the eyes and skin upon contact.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** There is no test data on this product  
**Environmental Fate:** There is no test data on this product

## SECTION 13 - DISPOSAL CONSIDERATIONS

Review federal, provincial or state and local government requirements prior to disposal.

## SECTION 14 - TRANSPORT INFORMATION

### **U.S. Department of Transportation (DOT): Not Regulated**

Proper Shipping Name:  
Hazard Class:  
ID Number:  
Packing Group:

### **Canadian TDG: Not Regulated**

Proper Shipping Name:  
Hazard Class:  
ID Number:  
Packing Group:

**Air Transportation (IATA): Not Regulated**

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## Continued:

Proper Shipping Name:  
Hazard Class:  
ID Number:  
Packing Group:

## SECTION 15 - REGULATORY INFORMATION

### Occupational Health & Safety Regulations:

**WHMIS Classification:** Class D - Division 2B

**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

### Environmental Regulatory Lists:

**SARA:** Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 - none of the ingredients are listed.

**Toxic substances Control Act (TSCA):** All the ingredients are listed on the Chemical Substance Inventory

**Canadian Domestic Substance List (DSL):** all ingredients are listed.

## SECTION 16 - OTHER INFORMATION

### HMIS Rating

Health	1
Flammability	1
Reactivity	0
Personal Protection	B

**Disclaimer:** As the handling and use of products under user's conditions are beyond our control, no warranty, expressed or implied, including, but not limited to merchantability or fitness for a particular use, is made concerning this product. the user assumes all risk of use or handling whether or not in accordance with any directions or suggestions of the supplier. Seller shall not be liable to purchaser or any other person for loss or damages directly or indirectly arising from the use of our products, from breach of any warranty or from any other cause, the exclusive remedy against the seller being to require replacement or repair of defective goods.