

# MATERIAL SAFETY DATA SHEET

Prepared by: Flexbar Machine Corp., 250 Gibbs Road, Islandia, NY 11749

Phone number: 631-582-8440 FAX number: 631-582-8487 Emergency number: 317-472-3000

## Section I – Product Information

**Product Name** – Granite Surface Plate Cleaner

**Product Type** – Cleaner

## Section II – Hazardous Ingredients

<b>Components</b>	<b>CAS #</b>	<b>%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Carcinogen</b>	<b>Ref. Source*</b>
Dipropylene Glycol	34590-94-8	1-5	100ppm	100ppm		N/E
Monomethyl Ether						
Sodium Metasilicate Anhydrous	6834-92-0	1-5	N/E	N/E	N/E	
Tetrasodium Salt of EDTA	7647-01-0	1-5	N/E	N/E	N/E	

## Section III – Physical Data

**Physical State:** Thin Liquid      **Color:** Clear      **Odor:** Spearmint      **Specific Gravity:** 1.0435

**pH:** 12.5      **V.O.C.:** 100g/L      **Boiling point:** >212°F      **Vapor Pressure:** 20 mm HG

**Vapor Density:** >1      **Evaporation Rate:** <1      **Solubility in Water:** Soluble

## Section IV – Fire & Explosion Hazard

**Flammability:** Non Flammable      **Auto Ignition Temperature:** N/E

**Flammability Limits in Air by % in Volume:** Lower – N/E Upper – N/E      **Flash Point:** 170°F

**Extinguishing Media:** Foam, Dry Chemical, Carbon Dioxide, Water      **Special Fire Fighting Procedures:** Self-contained breathing apparatus.

**Unusual Fire & Explosion Hazard**  
Toxic fumes may be emitted if material is exposed to extreme temperatures.

## Section V – Reactivity Data

**Stability:** Stable      **Hazardous Polymerization:** Will Not Occur

**Incompatibility (Materials to Avoid):** Very Strong Oxidizing Agents

**Conditions to Avoid:** Keep away from heat or flame

**Hazardous Decomposition Products:** Carbon Monoxide, Nitrogen Oxide and Sulfur Oxides.

## Section VI – Health Hazard Data

**Primary Routes of Entry:** Inhalation – X    Skin – X    Eye – X    Ingestion – N/A    Not Hazardous – N/A

**Acute Effects:** None Known      **Chronic Effects:** None Known

**Inhalation:** Excessive inhalation of vapors can cause headache, nausea and irritation of the nose, throat and lungs.

**Skin Absorption:** Prolonged or repeated contact may cause skin irritation.

**Eye:** May Cause stinging, pain and irritation

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**Ingestion:** May cause abdominal discomfort, dizziness malaise and central nervous system depression. Kidney injury if large quantities swallowed.

**Medical Conditions Generally Aggravated by Exposure:** None Known.

### **Section VII – First Aid Procedures**

**Inhalation:** Remove person to fresh air. Give Oxygen or CPR if not breathing. Get medical attention.

**Skin:** Wash thoroughly with soap and plenty of water. Remove contaminated clothing and wash before reuse.

**Eye:** Remove contact lenses. Flush eyes with water for 15 minutes. Get medical attention if needed.

**Ingestion:** Give large volume of water. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get medical attention.

### **Section VIII – Personal Protection**

**Respiratory:** None Required **Gloves:** Neoprene or Rubber Gloves **Eye:** Safety Goggles

**Other:** None if used as directed.

**Ventilation:** Good ventilation should be maintained. Local Exhaust for normal conditions, Mechanical Vent for area being applied.

**Hygienic Work Practices:** Ensure strict sanitary conditions are conformed to when working around chemicals.

### **Section IX – Accidental Release Procedures**

Wear recommended personal protection equipment. If product leaks or spills: Flood area with water, mop and dispose to sanitary sewer. Abide by Federal, State and Local Regulations.

### **Section X – Handling and Storage**

Store in a cool, dry, well-ventilated area away from heat or flame. Do not destroy or deface the label.

### **Section XI – Disposal Considerations**

Incinerate at approved facility in accordance with the Federal, State and Local Regulations.

### **Section XII – Ecological Data**

**Biodegradability:** The surfactant system and solvents used in this product are readily biodegradable. The Chelators may form insoluble salts which precipitate out of solution. They are otherwise non-reactive with biological systems.

**Ecotoxicity:** No data available

### **Section XIII – Toxicological Data**

**Animal Toxicity:** No data available

**Carcinogenicity Classification:** (Hazardous components present @ 0.1% or more)

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IARC – International Agency for Research on Cancer – Not listed

NTP – National Toxicology Program – Not listed

OSHA – Occupational Safety and Health Administration – Not listed

## Section XIV – Regulatory Information

SARA 313: Not Listed

SARA 311, 312: Not Listed

TSCA (Toxic Substances Control Act): Components in this product are listed in TSCA inventory.

## Section XV – Dot Hazard Classification

Non-Hazardous

## Section XVI – Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that its activities comply with Federal, State or Provincial and Local laws. The following specific information is made for the purpose of complying with numerous Federal, State or Provincial and Local laws and regulations. See other sections for health and safety information.

### HMIS RATING

Health = 2

Flammability = 0

Reactivity = 0

Goggles/Apron

Goggles/Gloves/Apron

Shield/Gloves/Apron

### NFPA RATING

Health = 2

Flammability = 0

Reactivity = 0

HMIS RATING NFPA RATING

0 = Minimal 0 = Minimal

1 = Slight 1 = Slight

2 = Moderate 2 = Moderate

3 = Serious 3 = Serious

4 = Severe 4 = Severe

### LEGENDS

PERSONAL PROTECTION

A = Safety Goggles

B = Safety

C = Safety

D = Face