

# Material Safety Data Sheet

Name: MB10

Date: Jan, 10, 2013

## PRODUCT INFORMATION

Product Use: Graffiti Remover      Chemical Identity: Anionic Surfactants      W,H,M,I,S D,2B  
Supplier: Solutions MB Inc. 850 Brock Road, Unit 1 Pickering, Ontario, Canada L1W 1Z8  
FAX: 800-781-4328      Phone: 888-554-8844  
Supersedes: NAP      Changes: NAP  
Emergency Phone Number: 888-554-8844      Prepared by: Technical Department  
Codes: NAP-Not Applicable; NAV:- Not Available; NR- Not Required; DG- Dangerous Goods

## HAZARDOUS INGREDIENTS

INGREDIENT	CAS#	% RANGE	EXPOSURE LIMITS- SPECIES		
			LD50Oral, mg/kg-species	LC50 Inhalation, ppm	ACGIH-TWAEV
Anionic Surfactant	29CFR1910.12	30-40	2/1H (mouse)	NAV	NAV
Glycol Ether EB	111-72-2	5-10	80 Oral (rat)	50/4H (rat)	20ppm
Dibasic Ester	NAP	5-10	NAV	NAV	NAV

Ratings: Health.....1    Flammability:.....0    Reactivity.....0    Special Warning.....0

## PHYSICAL DATA

Physical State: Liquid      Specific Gravity(Water=1): 0.98      Vapor Pressure: NAV  
Vapor Density(Air+1): NAV      Evaporation Rate(Water=1): NAV      Boiling Point: 100 C  
Freezing Point: NAV      Coeff. Of water/oil Dist: NAV      pH(undiluted): 5.0-7.0  
Odor Threshold: NAV      Appearance & Odor: Clear White      Biodegradable: 75%-28 days  
Solubility in Water(20 C): Complete      % Volatile content (by volume): 10-20      **VOC <1%**

## FIRE AND EXPLOSION DATA

Flammability: No  
Conditions to Avoid: Requires source of ignition, presence of & temperature greater than flash point.  
Flash Point: > 93.3 C (ASTM D93-80)  
Extinguishment Media: Water spray, foam, CO2, Dry Chemical  
Special Procedures: If used in a non- ventilated area SCUBA and protective clothing required.  
Hazardous Combustion Products: Oxides of carbon and sulfur and products of incomplete combustion.  
Unusual Fire and Explosion Hazard: None

## TOXICOLOGICAL PROPERTIES

Route of Entry: Skin and eye contact, Ingestion, Inhalation

### Effects of Acute Exposure

Skin: Prolonged or repeated contact causes irritation, de-fatting and dermatitis.  
Skin Absorption: No known hazard due to skin absorption.  
Eye Contact: Contact will irritate eyes.  
Inhalation: Excessive inhalation of vapors can cause nasal respiratory irritation and central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.  
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea and death.

### Effects of Chronic Exposure

Skin irritation or dermatitis may occur upon frequent or prolonged contact.

### Carcinogenicity

Product has not been listed as a carcinogen by either the ACGIH or the IARC.

## REACTIVITY DATA

Stability: Stable  
Conditions to Reactivity: Contamination with reactive substances, excessive heat and open flame.  
Incompatible Materials: Avoid strong oxidizing and reducing agents, acids and alkalis.  
Hazardous decomposition Products: CO, CO<sub>2</sub>, Sculpture dioxide.  
Hazardous Polymerization: Will not occur

## FIRST AID MEASURES

**Eyes:** Immediately flush with water for at least 15 minutes. Contact a doctor.  
**Skin:** Immediately flush with water for 15 minutes. Contact a doctor if irritation develops. Remove contaminated clothing and launder before reuse. Destroy contaminated shoes.  
**Inhalation:** Remove victim to fresh air. If breathing is difficult a trained person may administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.  
**Ingestion:** If swallowed induce vomiting by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Call a doctor.

## PREVENTATIVE MEASURES

**Engineering Controls:** Follow ACIGH industrial recommendations.

**Storage Requirements:** Keep away from children. Store in a cool, dry place away from oxidizing and reducing agents. Store away from extreme heat and cold.

**Leak and Spill Procedures:** Before attempting to clean up, refer to hazard data given previously. Small spills may be absorbed with non-reactive absorbent (sand) and placed in suitable, covered, labeled containers. Prevent large spills from entering public waterways or sewers. Contact emergency services and supplier for advice.

**Waste Disposal:** Comply with all federal, provincial and local regulations regarding disposal. Dewater (e.g. evaporation, distillation) the product. Solidify the remaining mixture and dispose of in a secure landfill. Alternatively, the product may be incinerated directly or mixed with flammable solvents and incinerated.

**Respiratory Protection:** Not required when used under recommended conditions. If mist and/or hot vapors are present, use air purifying respirator or SCBA as required.

**Protective Gloves:** Wear impermeable type such as neoprene or nitrile rubber.

**Eye Protection:** Use chemical goggles or full face shield. Other Protective Equipment: Eye bath, safety shower, full protective clothing

## SPECIAL SHIPPING INFORMATION

<u>DG</u>	<u>PROPER SHIPPING NAME</u>	<u>TDGA CLASS</u>	<u>PIN NUMER</u>	<u>PACKING GROUP</u>
No	Not regulated			

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