

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION

Distributor MKG Sales Associates, Inc.	Emergency Phone (609) 953-4700
Address 130 Miller Road - Medford Industrial Park Medford, NJ 08055	
Trade Name BRIGADEER O	Product Type Cleaner

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT (optional)	TLV (Source)
Sodium Metasilicate	6834-92-0		Not Established
d-Limonene	5989-27-5		Not Established

Other ingredients in this product are : Less than 1% by weight or less than 0.1% for carcinogens Not hazardous Declared to be Trade Secret

SECTION 3 - PHYSICAL DATA

Boiling point(°F.) Near 212	Specific Gravity(H ₂ O=1.0) (± 0.005) 1.060	pH(CONC) 12.5	pH(1:20) 2.0 to 12.3
Vapor Pressure(mm Hg) Unknown	Vapor Density(Air=1) Unknown		
Solubility in water <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)	Evaporation Rate(vs. H ₂ O) <input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		

Appearance and Odor
Liquid, citrus odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.) °F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits Upper Unknown Lower Unknown
Extinguishing Media CO ₂ , dry chemical, foam, water spray.	
Special Firefighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply.	
Unusual Fire and Explosion Hazards None known.	

SECTION 5 - REACTIVITY DATA

Stability Stable	Incompatibility Strong oxidizers
Hazardous Decomposition Products Carbon monoxide and other unidentified organic gases may occur during incomplete combustion.	

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other	
Signs and Symptoms Prolonged contact of concentrated product with skin and/or eyes will cause irritation. Swallowing may irritate mouth, throat or stomach. Possible vomiting or diarrhea may occur.	
of Overexposure (Acute)	
Signs and Symptoms of Overexposure(Chronic) None known	
Medical Conditions Aggravated by Overexposure None known	Carcinogen/Suspect Carcinogen Ingredients <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush immediately with water for at least 15 minutes. If persistent irritation occurs, call a physician.
Skin	Wash thoroughly with soap and water.
Ingestion	Drink large quantities of milk or water. Call a physician.
Inhalation	Not applicable

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection Not needed under normal conditions of use.	
Ventilation Requirements <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other	
Protective Gloves Rubber	Eye Protection Safety glasses/goggles
Other Protective Clothing Not required for normal use	

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	Absorb with suitable absorbent. For large spills, absorb with suitable absorbent, then shovel into containers.
Waste Disposal Methods Dispose of in accordance with applicable Federal, State and Local ordinances.	

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage	Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Use with adequate ventilation.
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The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, if diluted, under conditions of ordinary use.

DATE PREPARED August 4, 2005

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