

# MATERIAL SAFETY DATA SHEET

## SECTION I - PRODUCT IDENTIFICATION

078 03R Total Clean Degreaser

(Clear Liquid, Cherry Scent)

## SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENT NAME	CONTENTS (%)	PEL/OSHA	TLV-ACGIH	CAS NUMBER	CARCINOGEN
Sodium Metasilicate	6 to 10	3 Mg/Cubic M	3 Mg/Cubic M	6834-92-0	NO
2-Butoxy ethanol	12 to 15	50 ppm	25 ppm	111-76-2	NO

## SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point:</b> >211 °F	<b>Specific Gravity:</b> 1.06	<b>Vapor Pressure:</b> N/D	<b>Volatiles:</b> 94%
<b>Vapor Density:</b> N/D	<b>Solubility:</b> 100%	<b>Evaporation Rate:</b> >=Water	<b>Appearance/Odor:</b> See Section I

## SECTION IV - FIRE FIGHTING MEASURES

**NFPA CODES:** Health: 1 Flammability: 0 Reactivity: 0 Flash Point: N/D

*Extinguishing Media:* Regular Foam, Waterfog, Carbon Dioxide, or Dry Chemicals

*Hazardous Decomposition:* Oxides of carbon or traces of hydrocarbons may be formed in small amounts.

*Special Procedures:* Clear fire area of personnel. Do not enter confined fire area without full bunker gear and positive pressure breathing apparatus.

*Unusual Fire / Explosion Hazards:* N/L

## SECTION V - HAZARDS IDENTIFICATION

*Permissible Exposure Level:* See Section II under PEL/OSHA

*Effects of Overexposure: (Acute/Chronic)*

**Eyes:** Can cause severe irritation, redness, tearing, and blurred vision.

**Skin:** Prolonged or repeated exposure can cause moderate irritation, defatting of the skin or dermatitis.

**Inhalation:** Fine mist may cause irritation of the nose and throat.

**Ingestion:** Gastrointestinal irritation, nausea, vomiting, and signs of nervous system depression.

## SECTION VI - FIRST AID MEASURES

**Eyes:** Wash eyes immediately with large amounts of water. Get medical attention immediately. DO NOT USE Contact Lenses while using product.

**Skin:** Wash contacted areas with mild soap and water.

**Inhalation:** Move person to fresh air at once. If breathing has stopped, get medical attention immediately.

**Ingestion:** Do not induce vomiting. If person is conscious, give water. Get medical attention.

*Primary route(s) of exposure:* Inhalation, Eyes, Skin

## SECTION VII - STABILITY AND REACTIVITY

*Incompatibility:* Strong oxidizing agents or acid.

*Hazardous Polymerization:* Will Not Occur.

*Stability:* Stable.

## SECTION VIII - ACCIDENTAL RELEASE MEASURES

Wear suitable protective equipment. Remove all sources of ignition and ventilate area. Avoid discharge into sewers or waterways.

Collect for disposal with inert absorbent material; dispose of in compliance with all local, state, and federal regulations.

## SECTION IX - EXPOSURE CONTROLS, PERSONAL PROTECTION

If PEL or TLV limits (listed in Section II) of product or any component is exceeded, a NIOSH/MSHA approved respirator is advised in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

Sufficient mechanical ventilation should be used to maintain exposure levels below PEL and TLV limits in Section II.

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses.

Wear chemical resistant gloves such as: neoprene, to prevent repeated or prolonged skin contact, wear impervious clothing and boots.

## SECTION X - HANDLING AND STORAGE

Store materials in a cool dry place away from heat and open flame. Clothing being used around chemicals should be cleaned daily.

Never weld on or near containers either empty or full. Secure all chemicals out of the reach of children. Use proper safety equipment at all times.

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