

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION	
<b>NFPA Rating:</b> Health-2; Flammability-0; Reactivity-0; Special - Alkaline <b>Manufacturer's Name:</b> VERAX CHEMICAL CO. <b>Address:</b> 20102 Broadway Ave. Snohomish, WA 98296	<b>HMIS Rating:</b> Health-2; Flammability-0; Reactivity-0; Personal Protection-B <b>DOT Hazard Classification:</b> Non-Hazardous <b>Identity</b> (trade name as used on label): <b>SPRA BRYTE Cleaner Degreaser</b>
<b>Date Prepared:</b> 04/15/2003 <b>Prepared By:</b> GP <b>Information Calls:</b> (425)481-5353 <b>EMERGENCY RESPONSE NUMBER:</b> 1(425)481-5353	<b>MSDS Number:</b> SPB <b>Revision:</b> -2 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	Hazard	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
Ethylene glycol Monobutyl Ether      Skin	Irritant		25 ppm	25 ppm	
Dipropylene Glycol Monomethyl Ether      Skin	Irritant		100 ppm		
Detergent - Identity is trade secret -	Irritant				

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> 220°F	<b>Specific Gravity</b> (H <sub>2</sub> O=1): 1.038
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): same as water	<b>Vapor Pressure</b> (Non-Aerosols)(mm Hg and Temperature): Similar to water
<b>Vapor Density</b> (Air = 1): N.D.	<b>Evaporation Rate</b> (water = 1): 1
<b>Solubility in Water:</b> Complete	<b>Melting Point</b> ca 30°F
<b>Appearance and Odor:</b> Clear red liquid. Slight solvent odor.	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A	Auto Ignition Temperature N/A	Flammability Limits in Air by % in Volume: % LEL: N/A      % UEL: N/A
<b>FLASH POINT AND METHOD USED</b> (non-aerosols): None	<b>EXTINGUISHER MEDIA:</b> Will not burn	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> None		
<b>Unusual Fire &amp; Explosion Hazards:</b> None		

## SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility</b> (Mat. to avoid): Concentrated acids.	<b>Conditions to Avoid:</b> Extreme heat or cold.
<b>Hazardous Decomposition Products:</b> Thermal decomposition may produce carbon monoxide and/or carbon dioxide.	

## SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF ENTRY:</b> <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input type="checkbox"/> NOT HAZARDOUS	
<b>ACUTE EFFECTS:</b> Headache, nausea, dizziness, and vomiting may result from breathing high vapor concentrations for a prolonged period, or from absorption through skin after prolonged contact. Vapors may be irritating to breathe. Very irritating to eyes on contact. Also a severe skin irritant. If ingested, may cause burns of the mucous membranes of mouth, throat, esophagus and stomach.	
<b>CHRONIC EFFECTS:</b> None Known.	
<b>Carcinogens:</b> None Known to be present	
<b>Signs and Symptoms of Exposure:</b> Headache, nausea, dizziness, or vomiting. Eye or skin irritation. Respiratory irritation.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> None known.	

## EMERGENCY FIRST AID PROCEDURES

<b>Eye Contact:</b> Flush with water for 15 minutes while lifting eyelids. If irritation persists, call a physician.
<b>Skin Contact:</b> Wash with soap and water. Remove contaminated clothing. Launder before re-use. If irritation persists, call a physician.
<b>Inhalation:</b> Remove to fresh air. If not breathing give artificial respiration and call a physician.
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water or milk. Follow with dilute vinegar or fruit juice. Get immediate medical attention.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection (specify type):</b> None required if adequate ventilation is maintained.
<b>Protective Gloves:</b> Rubber recommended. <b>Eye Protection:</b> Splash goggles or face shield.
<b>Ventilation Requirements:</b> Normal room ventilation is generally adequate.
<b>Other Protective Clothing &amp; Equipment:</b> None. Do not wear clothes soaked by product.
<b>Hygienic Work Practices:</b> Ordinary good housekeeping procedures. Wash hands after handling and before eating or using restroom facilities. Avoid food contamination.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Steps To Be Taken if Material Is Spilled Or Released:</b> Small spills should be flushed with plenty of water. Larger spills should be collected for disposal. Caution: Spilled material may be slippery.
<b>Waste Disposal Methods:</b> Waste Disposal Method: Biodegradable. Flush to sewer or absorb with suitable medium and incinerate or landfill according to local, state, and federal regulations.
<b>Precautions To Be Taken In Handling &amp; Storage:</b> All normal precautions. Avoid food contamination.
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Spilled material may be slippery.

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*  
 \*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only