

# MATERIAL SAFETY DATA SHEET

Date of Revision: January 2006

## SECTION I - PRODUCT IDENTIFICATION

Manufactured by: **VentureTECH Corporation**  
10720 Lexington Drive  
Knoxville, TN 37932

Information Phone: (865) 966-2532  
Emergency Phone: (865) 544-9400

Chemical Name:

! NFPA Hazard Ratings: Health - 1  
! none -> extreme Fire - 1

Trade Name:

**ORANGE WAY**

! 0 ----> 4 Reactivity - 0

Chemical Family:

! Special Hazard Warning -

Formula:

Proprietary Blend of Natural  
Biodegradable Solvents, Phosphates  
Silicates and Detergents

! Personal Protection -

## SECTION II - HAZARDOUS INGREDIENTS

Principal Hazardous Compound:  
2-Butoxyethanol

Percent:  
0-6 %

CAS No:  
111-76-2

TLV:  
25

## SECTION III - PHYSICAL DATA

Appearance & Odor: Orange liquid Citrus odor  
Percent Volatile by Volume: NA  
Specific Gravity: 1.04  
Wt. per Gallon: 8.6lb.  
pH: 7-8

Boiling Range: 210 F  
Evaporation Rate: NA  
Vapor Density: NA  
Solubility in Water: Complete

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: Combustible Liquid

Flash Point: 135-138°F

LEL:

UEL:

### Extinguishing Media:

Fight source of fire with water spray, carbon dioxide, foam or dry chemical as required by surrounding fire.

### Special Fire fighting Procedures:

None are expected to be required. If this material is involved in a fire, NIOSH approved self contained respiratory should be worn.

### Unusual Fire & Explosion Hazards:

Dry chemical extinguishers may cause excessive foaming.

## SECTION V - HEALTH HAZARD DATA

### Permissible Exposure Level:

Not Established

### Effects of Overexposure:

PRIMARY ROUTES OF ENTRY:

( X ) Skin Contact ( X ) Eye Contact ( ) Inhalation ( X ) Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

ACUTE: Mild to severe irritant to tissues.

CHRONIC: Redness and dry skin as normally expected from strong cleaners.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Causes eye burns on contact

CARCINOGENICITY: ( ) OSHA ( ) NTP ( ) IARC

FIRST AID:

Inhalation: Remove from further exposure to mists and sprays. Consult physician if symptoms persist.

Skin Contact: Remove contaminated clothing and wash contaminated areas with plenty of water for 15 minutes.

Eye Contact: Flush eyes immediately with large quantities of water for 15 minutes, lifting the eyelids occasionally. Get medical attention.

Ingestion: Give vinegar or orange juice copiously. Follow with olive oil. Consult physician if symptoms persist.

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**SECTION VI - REACTIVITY DATA**

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**Stability:**

( X ) Stable ( ) Unstable

**Incompatibility:**

None Known.

**Conditions to Avoid:**

None

**Hazardous Decomposition Products:**

None

**Hazardous Polymerization:**

( X ) Will not occur, ( ) May occur

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**SECTION VII SPILL OR LEAK PROCEDURES**

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**Steps To Be Taken in Case Material is Released or Spilled:**

Confine as much as possible. Dike and absorb with inert material such as Oil dry or Vermiculite. Transfer to containers for disposal. Small spills can be mopped up. Flush contaminated area with plenty of water.

Avoid wash water entering natural waterways or public water supplies.

**Waste Disposal Method:**

Dispose of waste in accordance with Federal, State, and local ordinances.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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**Respiratory Protection:**

Not required

**Ventilation:**

Local Exhaust. Good room ventilation usually adequate.

**Protective Gloves:**

Impervious rubber or neoprene gloves recommended to protect from harsh Silicates.

**Eye Protection:**

Chemical type goggles or face shield recommended.

**Other Protective Equipment:**

Wear appropriate protective clothing to prevent contact with product.

Wash hands thoroughly after use.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**Precautions To Be Taken in Handling and Storing:**

Empty containers should be reconditioned by certified firms. Disposal of empty containers should be in accordance with applicable laws and regulations. Store in a cool, dry place. Keep container closed. Keep out of reach of children.

**Other Precautions:**

The information in this data sheet has been assembled by the manufacturer based on its own studies and on the work of others. The manufacturer makes no warranties, express or implied as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

**ORANGE WAY**