



# BREAK-THRU, All Purpose Cleaner

## 5. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	(F): 212 F (TCC) (C): Not determined
METHOD:	TCC
FLAMMABLE LIMITS IN AIR	
LOWER (%):	NA
UPPER (%):	NA
SENSITIVITY TO MECHANICAL IMPACT(Y/N):	NO
SENSITIVITY TO STATIC DISCHARGE:	Sensitivity to static discharge is not expected.
SUITABLE EXTINGUISHING MEDIA:	As appropriate for surrounding fire-product is mostly water and will not burn.
FIRE FIGHTING PROCEDURES:	Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:	
SMALL SPILLS:	Mop up all possible. Flush residue with water.
LARGE SPILLS:	Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water. Releases of some glycol ethers may be CERCLA reportable.
PERSONAL PRECAUTIONS:	Not applicable
ENVIRONMENTAL PRECAUTIONS:	Not applicable
METHODS FOR CLEANING UP:	Not applicable

## 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Caution: Alkaline liquid. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store only in original container and keep closed. Store in a cool, dry area.
OTHER PRECAUTIONS:	Keep out of reach of children.
SPECIFIC USE(S):	Not applicable.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:	
EXPOSURE CONTROLS:	None known.
RESPIRATORY PROTECTION:	None normally required. Use NIOSH approved respirator with dust/mist filter as needed to meet exposure limits of mist in air.
PROTECTIVE GLOVES:	Neoprene. Rubber gloves.
EYE PROTECTION:	Goggles.
OTHER PERSONAL PROTECTION EQUIPMENT:	Eyewash fountains and safety showers must be easily accessible.
VENTILATION:	General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	Clear yellow-green liquid. Floral scent.
BOILING POINT (F):	212 F approx. (C) Not determined
VAPOR PRESSURE:	NE
VAPOR DENSITY (AIR=1):	NE
SOLUBILITY IN WATER:	Not determined
SPECIFIC GRAVITY:	1.02
VOC Content (%):	NE

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

EVAPORATION RATE: NE  
PH: 12.5

## 10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE  
POLYMERIZATION: Will Not Occur.  
HAZARDOUS DECOMPOSITION: Oxides of Carbon. Oxides of Phosphorus.  
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with: Acids. Strong alkalies. Strong oxidents, such as nitric acid, or hypochlorites.  
CONDITIONS/HAZARDS TO AVOID: None.

## 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Established  
EFFECTS OF CHRONIC EXPOSURE: Not established.  
OTHER TOXIC EFFECTS: Not established.

## 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time  
CHEMICAL FATE INFORMATION: No data at this time.  
MOBILITY: Not applicable.  
PERSISTENCE/DEGRADABILITY: Not applicable  
BIOACCUMULATIVE POTENTIAL: Not applicable  
OTHER ADVERSE EFFECTS: Not applicable

## 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

## 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/Receiving documents for up to date shipping information.

## 15. REGULATORY INFORMATION

PRODUCT COMPOSITION CAS#	%	TSCA:	EINECS:	Canada DSL:	CA PROP 65:
2-BUTOXYETHANOL 111-76-2	Greater than 1	Listed	Listed	Listed	Not Listed
Sodium metasilicate 6834-92-0	Less than 1	Listed	Listed	Listed	Not Listed

PRODUCT COMPOSITION CAS#	%	CERCLA:	SARA 302:	SARA 313:
2-BUTOXYETHANOL 111-76-2	Greater than 1	Not Listed	Not Listed	Not Listed
Sodium metasilicate 6834-92-0	Less than 1	Not Listed	Not Listed	Not Listed

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PRODUCT COMPOSITION CAS#	%	Canada WHMIS:
2-BUTOXYETHANOL 111-76-2	Greater than 1	Listed
Sodium metasilicate 6834-92-0	Less than 1	Listed

The following components of this material are included in the Massachusetts Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	MARTK:
2-BUTOXYETHANOL 111-76-2	Greater than 1	Listed

The following components of this material are included in the New Jersey Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	NJRTK:
2-BUTOXYETHANOL 111-76-2	Greater than 1	Listed

The following components of this material are included in the Pennsylvania Substance List and are present at or above reportable levels.

PRODUCT COMPOSITION CAS#	%	PARTK:
2-BUTOXYETHANOL 111-76-2	Greater than 1	Listed

### 16. OTHER INFORMATION

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*