

MATERIAL SAFETY DATA SHEET

REVISION DATE: 04/18/2012 REVISION NUMBER:

DATE PRINTED: 04/18/2012 **PREPARED BY:** EH&S DEPARTMENT

1. CHEMICAL PRODUCT

PRODUCT NAME: BREAK-THRU, All Purpose Cleaner

PRODUCT CODE: 120100

NFPA/HMIS HAZARD CODES(minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health:2/2Fire:0/0Reactivity:0/0Special/Protective Equipment:None/B

NAME OF THE Rochester Midland Corporation

MANUFACTURER: 155 Paragon Drive

Rochester, New York 14624

USA

Emergency Phone:

INFOTRAC: 1-800-535-5053 OUTSIDE US: 1-352-323-3500

2. HAZARDS IDENTIFICATION

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: May cause severe irritation. Causes vomiting, nausea, and diarrhea.

SKIN CONTACT: Long term effects are identified by severe irritation, discomfort, swelling, and possible tissue

degradation. May cause dryness and irritation.

INHALATION: Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness.

EYE CONTACT: May cause severe eye irritation.

CHRONIC EFFECTS: 2-Butoxyethanol is readily absorbed through the skin; frequent or widespread contact may

absorb harmful amounts. Repeated overexposure may cause damage to liver, kidney, and red

blood cells.

EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.

ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	%	ACGIH TLV	OSHA PELs
CAS#			
2-BUTOXYETHANOL	Greater than 1	20 ppm	240 mg/m ³
111-76-2			50 ppm
Sodium metasilicate	Less than 1	Not applicable	Not applicable
6834-92-0			

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink several glasses of water or milk. If vomiting occurs, give

additional water. Get immediate medical attention. Never give anything by mouth to an

unconcious person.

SKIN: Flush with water for at least 15 minutes while removing all contaminated clothing and shoes.

Get medical attention if irritation or burns develop.

INHALATION: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-

mouth. If breathing is difficult give oxygen. Get medical attention.

EYES: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least

15 minutes and get medical attention immediately after flushing.

NOTES TO PHYSICIAN: None.

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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.

As appropriate for surrounding fire-product is mostly water and will **SUITABLE EXTINGUISHING MEDIA:**

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.

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

HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN Caution: Alkaline liquid. Avoid contact with eyes, skin and clothing. Do not breathe mist or

IN HANDLING AND STORAGE: 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.

EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:

PROTECTIVE GLOVES:

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. 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.

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 NE VOC Content (%):

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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 contact with: Acids. Strong alkalies. Strong oxidents, such as nitric acid, or hypochlorites.

AVOID):

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 No data at this time

INFORMATION:

CHEMICAL FATE INFORMATION:
MOBILITY:
PERSISTENCE/DEGRADABILITY:
BIOACCUMULATIVE POTENTIAL:
OTHER ADVERSE EFFECTS:
No data at this time.
Not applicable.
Not applicable
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	%	MARTK:
CAS#		
2-BUTOXYETHANOL	Greater than 1	Listed
111-76-2		

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

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

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 ***