

IVAX MATERIAL SAFETY DATA SHEET

SUPERSCOPE

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PRODUCT CODE: F2080

Item#
31694

PUREX INDUSTRIAL

Division of IVAX Industries, Inc.
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SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS

REPORTABLE COMPONENTS	EXPOSURE LIMIT(S)	CAS NUMBER	WEIGHT PERCENT
* 2-BUTOXYETHANOL	ACGIH TWA: 25 ppm (skin) OSHA PEL: 50 ppm SARA TITLE III SECTION 311/312	111-76-2	9
SODIUM METASILICATE	SARA TITLE III SECTION 311/312	6834-92-0	< 5%
MONOETHANOLAMINE	OSHA PEL: 3ppm SARA TITLE III SECTION 311/312	141-43-5	< 5%

* INDICATES MATERIAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III SECTION 313.

SECTION 3 - HAZARDS IDENTIFICATION

*** * * EMERGENCY OVERVIEW * * ***

CLEAR GREEN LIQUID WITH FLORAL ODOR.
CORROSIVE. CAUSES SEVERE EYE AND SKIN BURNS. CAUSES RESPIRATORY TRACT IRRITATION.

POTENTIAL HEALTH EFFECTS

INHALATION: Causes respiratory tract irritation.
EYE CONTACT: Causes severe eye burns. May cause blindness.
SKIN CONTACT: Causes severe skin burns.
SKIN ABSORPTION: 2-Butoxyethanol may be absorbed through the skin and cause toxic effects to the liver, kidneys and blood forming system.

HMIS RATINGS

HEALTH: 3
FLAMMABILITY: 0
REACTIVITY: 0

PPE: See Section 8

INGESTION: Material can burn the mouth, throat, and stomach.

CHRONIC HEALTH RISKS: PREEXISTING CONDITIONS AGGRAVATED BY OVEREXPOSURE: Chronic diseases of the respiratory system, kidneys and liver.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

SECTION 4 - FIRST AID MEASURES

IF INHALED, Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
IF IN EYES, Immediately flush with plenty of water for at least 15 minutes. Get medical attention.
IF ON SKIN, Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Destroy shoes which can not be decontaminated. Get medical attention.
IF SWALLOWED, DO NOT Induce vomiting. Give water to drink. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
NOTES TO PHYSICIAN: None.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: None. **METHOD USED:** None. **LEL:** None. **UEL:** None.
NFPA RATINGS: HEALTH: 3 **FLAMMABILITY:** 0 **REACTIVITY:** 0
EXTINGUISHING MEDIA: Use Water, Foam, CO2.

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SPECIAL FIREFIGHTING PROCEDURES: None known.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL/LEAK PROCEDURES: Clean up spills immediately, observing precautions in Section 8 for protective equipment. Contain spilled liquid to prevent spreading, absorb with appropriate material, and place in appropriate container for disposal.

SECTION 7 - HANDLING AND STORAGE

SUGGESTED STORAGE TEMPERATURE: Store inside at 40-100 deg F.

SPECIAL HANDLING AND STORAGE: Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin, and clothing. Store in a cool and dry ventilated area. Keep from freezing. Thoroughly rinse empty containers. Keep out of reach of children.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: If airborne concentrations ever become irritating or exceed limits in Section 2, use a NIOSH/MSHA approved respirator in accordance with OSHA requirements in 29 CFR 1910.134. This is not anticipated in the normal use of this product in accordance with label instructions.

VENTILATION: Use with adequate ventilation.

EYE PROTECTION: Use safety glasses/goggles with a full face shield.

PROTECTIVE GLOVES: Butyl rubber gloves are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear clothing as necessary to prevent skin contact.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PH	: 12.8-13.2	PHYSICAL STATE	: LIQUID	SOLUBILITY H2O	: COMPLETE
VAPOR DENSITY	: >1	% VOLATILES-VOL	: 90	VAPOR PRESSURE	: NONE
FREEZING POINT	: NONE	BOILING POINT	: 212°F	MELTING POINT	: NONE
SPEC. GRAVITY	: 1.0	ODOR/APPEARANCE	: FLORAL, GREEN		

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable. CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: Contact with strong acids may cause an exothermic reaction; mixture becomes extremely hot and may splatter. Contact with bleach may release toxic gases.

HAZARDOUS POLYMERIZATION: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICOLOGICAL PROFILE: This product contains 2-Butoxy Ethanol (CAS 111-76-2). This material caused red blood cell hemolysis and secondary liver and kidney effects in laboratory animals. Humans appear to be resistant to these effects. Oral LD50 (rat) 470 MG/KG, Dermal LD50 (rbt) 220 MG/KG, LC50 (rat) 700 PPM/7HR. Contains Sodium Metasilicate (CAS 6834-92-0) Oral LD50 (rat) 1153 MG/KG; Monoethanolamine (CAS 141-43-5) Oral LD50 (rat) 2050 MG/KG, Dermal LD50 (rbt) 1000 MG/KG.

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL PROFILE: Volatile Organic Content (VOC) - 331.5 G/L.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This product, if disposed of in its original form, is classed as EPA hazardous waste number D002. Do not discharge into waterways or sewer systems without checking with proper authority. Comply with 40 CFR 261.21 and 261.22

SECTION 14 - TRANSPORT INFORMATION

U.S. DOT - PROPER SHIPPING NAME: ETHANOLAMINE, SOLUTION

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HAZARD CLASS: 8 CORROSIVE MATERIAL
MARINE POLLUTANT: NO

ID NUMBER: UN2491
HAZARDOUS SUBSTANCE: NONE

PACKING GROUP: III

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: NONE.

CALIFORNIA PROP65 INFORMATION: No material present subject to reporting.

STATE RIGHT TO KNOW INFORMATION:

WATER	7732-18-5
2-BUTOXYETHANOL	111-76-2
SODIUM METASILICATE	6834-92-0
MONOETHANOLAMINE	141-43-5
MONOETHANOLAMINE CAPRYLATE	28098-03-5

SECTION 16 - OTHER INFORMATION

DATE PREPARED: 11/27/95 NAME OF PREPARER: PRODUCT SAFETY DEPARTMENT

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