

**IVAX MATERIAL SAFETY DATA SHEET**  
**OFFENSE (SPEED STRIPPER)**

PRODUCT CODE: F2180

HEALTH HAZARD	FIRE HAZARD	REACTIVITY
3	0	0

**SECTION 1 - MANUFACTURER IDENTIFICATION**

**PUREX INDUSTRIAL**

IVAX Industries, Inc.

101 Rock Rd., Rock Plaza III, Horsham, PA 19044

Product Information Phone: (614) 387-6200

EMERGENCY PHONE: (800) 424-9300

**SECTION 2 - COMPOSITION INFORMATION ON INGREDIENTS**

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT PERCENT	EXPOSURE LIMIT(S)
* ETHYLENE GLYCOL PHENYL ETHER	122-99-6	11	SARA TITLE III SECTION 311/312
MONOETHANOLAMINE	141-43-5	< 10%	OSHA PEL: 3ppm SARA TITLE III SECTION 311/312
* 2-BUTOXYETHANOL	111-76-2	5	ACGIH TWA: 25 ppm (skin) OSHA PEL: 50 ppm SARA TITLE III SECTION 311/312
SODIUM METASILICATE	6834-92-0	< 5%	SARA TITLE III SECTION 311/312
* DIETHYLENE GLYCOL PHENYL ETHER	104-68-7	1	SARA TITLE III SECTION 311/312

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

**SECTION 3 - HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

CLEAR TO SLIGHTLY HAZY LIQUID WITH SOLVENT ODOR.  
CORROSIVE. CAUSES EYE AND SKIN DAMAGE. CAUSES RESPIRATORY TRACT IRRITATION. HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN.

**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.  
**INGESTION:** Material can burn the mouth, throat, and stomach.  
**CHRONIC HEALTH RISKS:** 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 clothes 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.  
FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER: None. UPPER: None.  
EXTINGUISHING MEDIA: Use Water, Foam, CO2.  
SPECIAL FIREFIGHTING PROCEDURES: None known.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: 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: Add material carefully to water to avoid splashing onto skin and clothing. Wash thoroughly after handling.

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.

PROTECTIVE GLOVES: Natural rubber gloves are recommended.

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

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: It is recommended that adequate washing facilities be nearby in case of contact with this product. Personnel working with this material should familiarize themselves with the location of these facilities. In case of accidental eye contact, the removal of the material from the eyes must be done immediately.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

ODOR & APP	: SOLVENT, HAZY	PHYSICAL STATE	: LIQUID
PH	: 12.67-13.33	VAPOR PRESSURE	: NONE
VAPOR DENSITY	: >1	BOILING POINT	: 212°F
FREEZING POINT	: NONE	MELTING POINT	: NONE
SPEC. GRAVITY	: 1.06-1.07	SOLUBILITY H2O	: COMPLETE
% VOLATILES (V)	: 90		

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable. CONDITIONS TO AVOID: Contact with strong acids.  
INCOMPATIBILITY (AVOID CONTACT WITH): Contact with strong acids may cause an exothermic reaction; mixture becomes extremely hot and may splatter. Contact with bleach may release toxic gases.  
HAZARDOUS DECOMPOSITION PRODUCTS AND/OR BYPRODUCTS: None known.  
HAZARDOUS POLYMERIZATION: None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL PROFILE:** Contains 2-Butoxy Ethanol (CAS 111-76-2) Oral LD50 (rat) 470 MG/KG, Dermal LD50 (rbt) 220 MG/KG, LC50 (rat) 700 PPM/7HR. This material causes red blood cell hemolysis and secondary liver and kidney effects in laboratory animals. Humans appear to be resistant to these effects. Contains Ethylene Glycol Phenyl Ether (CAS 122-99-6) Oral LD50 (rat) 1260 MG/KG, Dermal LD50 (rbt) 5000 MG/KG. Contains Monoethanolamine (CAS 141-43-5) Oral LD50 (rat) 2050 MG/KG, Dermal LD50 (rbt) 1000 MG/KG. Contains Sodium Metasilicate (CAS 6834-92-0) Oral LD50 (rat) 1153 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. DEPARTMENT OF TRANSPORTATION DESCRIPTION**

**PROPER SHIPPING NAME:** ETHANOLAMINE, SOLUTION

**HAZARD CLASS OR DIVISION:** 8 CORROSIVE MATERIAL

**IDENTIFICATION NUMBER:** UN2491

**PACKING GROUP:** III

**HAZARDOUS SUBSTANCE:** NONE

**MARINE POLLUTANT:** NO

**INTERNATIONAL TRANSPORTATION REGULATIONS:** PLEASE CONTACT PRODUCT SAFETY AT THE NUMBER LISTED ON THIS MSDS IF ANY ADDITIONAL INFORMATION IS REQUIRED FOR INTERNATIONAL SHIPPING.

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
ETHYLENE GLYCOL PHENYL ETHER	122-99-6
SODIUM 1-OCTANE SULFONATE	5324-84-5
MONOETHANOLAMINE	141-43-5
2-BUTOXYETHANOL	111-76-2

SECTION 16 - OTHER INFORMATION

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PREPARED: 08/16/95

NAME OF PREPARER: PRODUCT SAFETY DEPARTMENT