

IVAX MATERIAL SAFETY DATA SHEET

G-O-E-S RTU

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PRODUCT CODE: F4650

Item# 30874

HEALTH HAZARD 3 FIRE HAZARD 0 REACTIVITY 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

Table with 4 columns: REPORTABLE COMPONENTS, CAS NUMBER, WEIGHT PERCENT, EXPOSURE LIMIT(S). Rows include 2-BUTOXYETHANOL and NONYL PHENOXY POLY (ETHYLENEOXY) ETHANOL.

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

SECTION 3 - HAZARDS IDENTIFICATION

\*\*\*\*\* EMERGENCY OVERVIEW \*\*\*\*\*

CLEAR, PALE ROSE LIQUID WITH MILD SOLVENT ODOR. CORROSIVE. CAUSES EYE AND SKIN DAMAGE. CAUSES RESPIRATORY TRACT IRRITATION. Contains <4% 2-Butoxyethanol which causes red blood cell hemolysis and secondary liver and kidney effects in laboratory animals.

POTENTIAL HEALTH EFFECTS

- INHALATION: Causes respiratory tract irritation.
EYE CONTACT: Causes severe eye burns. May cause blindness.
SKIN CONTACT: Causes skin irritation. May be absorbed through the skin in harmful amounts.
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 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.
ADVISE TO PHYSICIAN: NONE

SECTION 5 - FIRE FIGHTING MEASURES

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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: A NIOSH-Approved cartridge respirator, with an organic concentration of vapors exceeds any established permissible exposure limits set for any of the components within this mixture. An Industrial Hygeinist may be required to perform air monitoring if there any questions pertaining to the adequacy of ventilation or space in a given work area.

VENTILATION: Use with adequate ventilation.

PROTECTIVE GLOVES: Selection of specific items will depend on operation. Where skin contact is reasonably expected, protective gloves of natural rubber are generally suitable for this product.

EYE PROTECTION: Use safety goggles.

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, PALE ROSE	PHYSICAL STATE	: LIQUID
PH	: 12.5-13.0	VAPOR PRESSURE	: .6 mmHg @ 20°C
VAPOR DENSITY	: >1	BOILING POINT	: 212°F
FREEZING POINT	: NONE	MELTING POINT	: NONE
SPEC. GRAVITY	: 1.02-1.03	SOLUBILITY H2O	: COMPLETE
% VOLATILES (V)	: 95		

### 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

