

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FOTEX DRAIN CLEAR
ENVIRONMENTAL DRAIN CLEANER

MSDS#: USI1236FTX
PREPARED BY: KMW

MANUFACTURER/SUPPLIER: US IMAGINEERING, INC.
825 SCHOENHAAR DRIVE
WEST BEND, WI 53090-2633
1-262-334-3000

ONYX/SUPERIOR 24-HOUR EMERGENCY RESPONSE INFORMATION
USA #: 1-800-688-4005
INTERNATIONAL #: 1-920-923-9000

SECTION I - PRODUCT INFORMATION

TRADE NAME: FOTEX DRAIN CLEAR
CHEMICAL NAME SYNONYMS: N/A

C.A.S. REGISTRY #: MIXTURE
CHEMICAL FAMILY: CLEANER

FORMULA: PROPRIETARY INFORMATION

D.O.T. IDENTIFICATION #: N/A
D.O.T. LABEL: N/A

SECTION II - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>TLV LEVEL</u>	<u>PEL LEVEL</u>
Sodium Bisulfate	< 80%	Not Established	Not Established
Sodium Carbonate	< 20%	Not Established	Not Established
Sodium Sulfate	< 10%	Not Established	Not Established

SECTION III - PHYSICAL DATA

BOILING POINT (DEG. F): Decomposes
FREEZING POINT (DEG. F): Not Estab.
VAPOR PRESSURE (MM HG): Not Estab.
VAPOR DENSITY (AIR=1): Not Estab.
SOLUBILITY IN WATER: Appreciable
SPECIFIC GRAVITY: N/A
PERCENT VOLATILE
BY VOLUME %: N/A
EVAPORATION RATE (N.A.): N/A

APPEARANCE AND ODOR: White powder. No odor.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FOTEX DRAIN CLEAR

SECTION IV - FIRE EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): None

FLAMMABLE LIMITS LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: For fires in area use appropriate media. For example: Water spray, Dry Chemical, Carbon Dioxide, or Alcohol Foam. Avoid water contact to material if possible.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area of unprotected personnel. Wear protective clothing including a NIOSH-Approved, self-contained breathing apparatus. Neutralize run-off with Lime, Soda Ash, etc., to prevent corrosion of metals and formation of Hydrogen Gas. Material dissolved in water forms dilute Sulfuric Acid.

UNUSUAL FIRE EXPLOSION HAZARDS: Thermal decomposition may result in emission of Chlorine and Sodium Oxide fumes. Sulfur oxide gases emitted at high temperatures.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not Established (OSHA 29 CFR 1910.Z-1-A)
 Not Established (ACGIH 1998)

Recommend exposure limits for Particulates Not Otherwise Regulated/Particulates Not Otherwise Classified: 15 mg/m³ (Total Dust), 5 mg/m³ (Respirable Fraction) (OSHA 29 CFR 1910.Z-1-A); 10 mg/m³ (Inhalable Fraction), 3 mg/m³ (Respirable Fraction) (Particulate matter containing no asbestos and <1% crystalline silica) (ACGIH)

EFFECTS OF OVEREXPOSURE

EYE CONTACT: Causes severe burns and destruction of tissues. Small quantities can result in permanent damage and loss of vision.

SKIN CONTACT: May cause severe irritation and possibly a mild burn.

INHALATION: May irritate or burn nose, throat, and lungs.

INGESTION: Ingestion can cause very serious damage to the mouth, esophagus, stomach, and other tissues with which contact is made, and may be fatal. Large amounts may cause nausea, vomiting, and Diarrhea.

OTHER: ROUTES OF EXPOSURE: Product can affect the body if it is inhaled, comes in contact with the eyes or skin, or is swallowed. Pre-existing skin and respiratory disorders may be aggravated by exposure to this product.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FOTEX DRAIN CLEAR

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during this flushing with water. Call a physician immediately.

SKIN CONTACT: Flush area with water while removing contaminated clothing and shoes. Follow by washing with soap and water. Do not reuse clothing or shoes until cleaned. If irritation persists, get medical attention. Do not apply oils or ointments unless ordered by the physician.

INGESTION: If conscious, drink a quart of water. DO NOT induce vomiting. CALL A PHYSICIAN immediately. If unconscious or in convulsions, take immediately to a hospital or a physician. NEVER induce vomiting or give anything by mouth to an unconscious victim. Several glasses of milk or several ounces of milk of magnesia may be given for their soothing effect. DO NOT give carbonated beverages or weak acids such as vinegar.

INHALATION: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. CALL A PHYSICIAN.

OTHER: NOTES TO PHYSICIAN: EYES: Natural watering of eyes will dissolve sodium bisulfate, forming a weak sulfuric acid solution which may cause burns. Flush affected area thoroughly with water. Do not use chemical antidotes or neutralizing solutions. **SKIN:** Mild burns may occur if not thoroughly flushed previously. **INHALATION:** Mild-burning sensations may occur to mucous membranes and upper respiratory tract. **INGESTION:** Body water content will react with sodium bisulfate to form weak sulfuric acid solution, which may burn tissues in mouth, esophagus, stomach. Solution should be diluted to reduce burning effect.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE UNSTABLE

CONDITIONS TO AVOID: HYGROSCOPIC MATERIAL. Avoid contact with moisture. Avoid elevated temperatures.

INCOMPATIBILITY: Strong bases. Solutions of Sodium Bisulfate in water form Sulfuric Acid, which is incompatible with cyanides, sulfides, carbides, etc. Highly corrosive to most metals with extended period of contact. Acids. Aluminum equipment should not be used for storage and/or transfer. Fluorine. Lithium. Phosphorus Pentoxide. 2,4,6-Trinitrotoluene. Magnesium. Food sugars. Deadly carbon monoxide gas can form in enclosed or poorly ventilated areas or tanks when alkaline products contact food, beverage, or dairy products. Do not enter such areas until they have been well ventilated and carbon monoxide and oxygen levels have been determined to be within OSHA acceptable levels. If carbon monoxide and oxygen levels cannot be measured, wear NIOSH-approved, self-contained breathing apparatus. Do not mix with liquid chlorine bleach, ammonia cleansers or similar products.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FOTEX DRAIN CLEAR

HAZARDOUS DECOMPOSITION PRODUCTS: Can occur above 300 Deg. C. (572 Deg. F.) releasing toxic Sulfur Oxide gases.

HAZARDOUS POLYMERIZATION: MAY OCCUR WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Evacuate unprotected personnel from area. Maintain adequate ventilation. Use proper Safety Equipment. Sweep up material into containers and dispose of properly. Flush remaining area with water and neutralize with Soda Ash or Lime and dispose of properly. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs.

WASTE DISPOSAL METHOD: Observe all Local, State, and Federal Regulations. Dispose of at approved Waste Treatment Facility. If approved, neutralize material and flush to sewer. DO NOT pressurize, cut, weld, braze, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition.

SECTION VIII - SPECIAL PROTECTION INFORMATION

CONSULT SAFETY EQUIPMENT DISTRIBUTOR

RESPIRATORY PROTECTION: NIOSH-Approved respirator for dusts and mists. Do not exceed limits established by the respirator manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134.

VENTILATION: Maintain adequate ventilation. Do not use in closed or confined space. Keep levels below recommended Exposure Limits. To determine exposure levels, monitoring should be performed as required by 29 CFR 1910.1052. Avoid accumulation of dust. Avoid mist formation.

PROTECTIVE GLOVES: Rubber (Latex). Neoprene. Chemical-resistant gloves.

EYE PROTECTION: Chemical Safety Goggles. Face shield. Do not wear contact lenses.

OTHER PROTECTIVE EQUIPMENT: Eye-wash station. Safety shower. Rubber apron. Chemical safety shoes. Protective clothing.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FOTEX DRAIN CLEAR

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

HYGROSCOPIC MATERIAL. Avoid contact with moisture. Store in closed containers. Store away from incompatible materials. Do not store in unlabeled or mislabeled containers.

OTHER PRECAUTIONS: Avoid contact with skin and eyes. Do not swallow. Avoid dust or mist formation. Use with adequate ventilation. Avoid breathing mists or dusts. Wash thoroughly after handling. Keep out of reach of children. Do not eat, drink, or smoke in work area.

SECTION X - SUPPLEMENTAL HEALTH INFORMATION

CARCINOGEN CONTENT

% PPM	INGREDIENT	IARC	NTP	OSHA
-------	------------	------	-----	------

NOTE: This product does not contain greater than 0.1% of the known or potential carcinogens listed in NTP, IARC, or OSHA.

LD50 ORAL: No Data Available
LD50 SKIN: No Data Available
LC50 INHALATION: No Data Available

The data in this Material Safety Data Sheet relates only to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control, it should not be taken as a warranty or representation for which US IMAGINEERING, INC. assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.

ENVIRONMENTAL DATA SHEET

INFORMATION CONTAINED MUST NOT BE DETACHED FROM THE MSDS AND ANY COPYING AND REDISTRIBUTION OF THE MSDS SHALL INCLUDE COPYING AND REDISTRIBUTION OF THE ENVIRONMENTAL DATA SHEET.

PRODUCT NAME: FOTEX DRAIN CLEAR

EDS #: USI1236FTX

ONYX/SUPERIOR 24-HOUR EMERGENCY RESPONSE INFORMATION

USA: 1-800-688-4005

INTERNATIONAL: 1-920-923-9003

PART 1: PRODUCTION/COMPOSITION

<u>NO.</u>	<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>PERCENT</u>
P	FOTEX DRAIN CLEAR	Mixture	100%

TYPICAL DISTRIBUTION

1	Sodium Bisulfate	7681-38-1	< 80%
2	Sodium Carbonate	497-19-8	< 20%
3	Sodium Sulfate	7757-82-6	< 10%

PART 2: SARA TITLE III INFORMATION

<u>NO.</u>	<u>RQ (LBS)</u> (*1)	<u>TPQ (LBS)</u> (*2)	<u>SEC 313</u> (*3)	<u>313 CATEGORY</u> (*4)	<u>311/312 CATEGORIES</u> (*5)
P	N/A	N/A	N	N/A	A
1	N/A	N/A	N	N/A	A
2	N/A	N/A	N	N/A	A
3	N/A	N/A	N	N/A	A

FOOTNOTES

- *1 = REPORTABLE QUANTITY OF CERCLA HAZARDOUS SUBSTANCE, 40 CFR PART 302, TABLE 302.4
- *2 = THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE, SEC. 302
- *3 = TOXIC CHEMICAL, SEC. 313
- *4 = CATEGORY AS REQUIRED BY SEC. 313 (40 CFR 372.42), MUST BE USED ON TOXIC RELEASE INVENTORY FORM
- *5 = HAZARD CATEGORY FOR SARA SEC. 311/312 REPORTING

A = IMMEDIATE (ACUTE) HEALTH HAZARD

ENVIRONMENTAL DATA SHEET

INFORMATION CONTAINED MUST NOT BE DETACHED FROM THE MSDS AND ANY COPYING AND REDISTRIBUTION OF THE MSDS SHALL INCLUDE COPYING AND REDISTRIBUTION OF THE ENVIRONMENTAL DATA SHEET.

PRODUCT NAME: FOTEX DRAIN CLEAR

PART 3: CERCLA INFORMATION

EPA - COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT. UNDER EPA - CERCLA ("SUPERFUND") RELEASES TO AIR, LAND OR WATER MAY BE REPORTABLE TO THE NATIONAL RESPONSE CENTER, 800-424-8802 (CIRCUMSTANCES SURROUNDING THE RELEASE AND CLEANUP DETERMINE REPORTABILITY).

THE REPORTABLE QUANTITY FOR THIS PRODUCT IS: N/A

PART 4: RCRA INFORMATION

REFER TO LATEST EPA OR STATE REGULATIONS REGARDING PROPER DISPOSAL.

HAZARDOUS WASTE NUMBER = N/A

PART 5: HMIS/NFPA LABEL INFORMATION

	<u>HMIS</u>	<u>NFPA</u>	<u>KEY</u>
HEALTH:	3	3	0-MINIMAL
FLAMMABILITY:	0	0	1-SLIGHT
REACTIVITY:	1	1	2-MODERATE
WARNING:	N/A		3-SERIOUS
WARNING:	N/A		4-SEVERE

PERSONAL PROTECTION RATING TO BE SUPPLIED BY USER DEPENDING ON USE CONDITIONS.

HMIS = HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

NFPA = NATIONAL FIRE PROTECTION ASSOCIATION 704

HEALTH, FLAMMABILITY, AND REACTIVITY RATINGS SHOULD ONLY BE USED AS A GUIDE. THE MATERIAL SAFETY DATA SHEET FOR THE PRODUCT SHOULD BE CONSULTED WHEN ASSESSING HAZARD INFORMATION.

ENVIRONMENTAL DATA SHEET

INFORMATION CONTAINED MUST NOT BE DETACHED FROM THE MSDS AND ANY COPYING AND REDISTRIBUTION OF THE MSDS SHALL INCLUDE COPYING AND REDISTRIBUTION OF THE ENVIRONMENTAL DATA SHEET.

PRODUCT NAME: FOTEX DRAIN CLEAR

PART 6: PROPOSITION 65

IF YOUR BUSINESS RESIDES IN THE STATE OF CALIFORNIA OR IF YOU SUPPLY PRODUCTS DIRECTLY OR INDIRECTLY INTO CALIFORNIA, WE ARE PROVIDING THIS INFORMATION TO YOU PURSUANT TO THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (COMMONLY KNOWN AS PROPOSITION 65). THIS LAW REQUIRES, IN PART, THAT "NO PERSON IN THE COURSE OF DOING BUSINESS SHALL KNOWINGLY AND INTENTIONALLY EXPOSE ANY INDIVIDUAL TO CHEMICALS KNOWN TO THE STATE TO CAUSE CANCER OR REPRODUCTIVE TOXICITY WITHOUT FIRST GIVING CLEAR AND REASONABLE WARNING TO SUCH INDIVIDUAL..." (SECTION 25249.6). THE ACT DOES NOT EXEMPT FROM THE WARNING REQUIREMENT "AN EXPOSURE FOR WHICH THE PERSON RESPONSIBLE CAN SHOW THAT THE EXPOSURE POSES NO SIGNIFICANT RISK" (SECTION 25249.10).

IT HAS NOT BEEN FEASIBLE TO SUBJECT ALL PRODUCTS TO THE DETAILED ANALYSES REQUIRED TO DETERMINE WHETHER EACH OF THE MATERIALS KNOWN TO CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY IS PRESENT IN DETECTABLE QUANTITIES. HOWEVER, BASED ON AVAILABLE DATA, THE FOLLOWING CHEMICALS LISTED BY THE GOVERNOR OF CALIFORNIA MAY BE PRESENT IN THIS PRODUCT:

<u>CHEMICAL</u>		<u>CONCENTRATION *</u>
ARSENIC	(FEB 27, 1987)	TRACE
CHROMIUM	(FEB 27, 1987)	TRACE
LEAD	(FEB 27, 1987)	TRACE
CADMIUM	(OCT 1, 1987)	TRACE

* NOT TO BE CONSTRUED AS SPECIFICATIONS UNLESS SO INDICATED.

NOTE: This date refers to the initial appearance of the chemical on the list.

*** ** ** ** **

The data in this Environmental Data Sheet relates only to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control, it should not be taken as a warranty or representation for which US IMAGINEERING, INC. assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.