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Stain-X

Toilet Bowl Cleaner

STAIN-X

STAIN-X IS A TOILET & URINAL STAIN REMOVER. IT WILL REMOVE STAINS, HARD WATER BUILD UP AND RUST. APPLY WITH A BOWL MOP DIRECTLY TO STAINS AND RINGS ON TOILETS AND URINALS. DO NOT SCRUB!!!! RE-APPLY UNTIL STAIN DISAPPEARS. THIS PRODUCT IS NOT FOR EVERYDAY USE. IT SHOULD ONLY BE USED WHEN SURFACE STAINS RE-APPEAR!!!!



YES

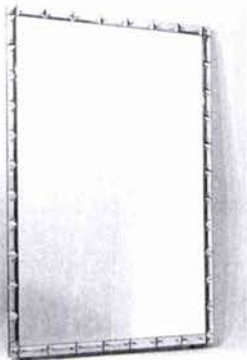


YES

STAIN-X IS A POWERFUL ACID PRODUCT – SAFETY GLASSES AND GLOVES SHOULD BE WORN WHEN USING STAIN-X!!!

DO NOT USE ON THE FOLLOWING ITEMS---STAIN-X WILL DAMAGE THESE SURFACES.

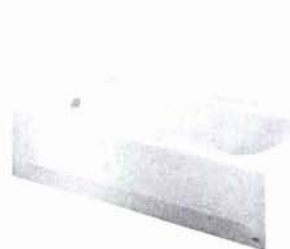
NO



NO



NO



MATERIAL SAFETY DATA SHEET

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Manufactured for
H & H Chemical Co.
 4211 Common St.
 Lake Charles, LA 70608
 PHONE: (800) 928-7827

Product Name: **Stain-X**
 FORMULA NO: F1030

HMS RATING: HEALTH: 3 REACTIVITY: 2
 FIRE: 0 EQUIPMENT: C

SECTION II - HAZARDOUS INGREDIENT INFORMATION

	CAS No.	OSHA PEL	ACGIH TLV
AMMONIUM BIFLUORIDE	1341-49-7	2.5MG(F)/M3	2.5MG(F)/M3
WATER SURFACTANT - BALANCE	NA	NA	NA

SECTION III - PHYSICAL PROPERTIES

BOILING RANGE: >212 F
 SPECIFIC GRAVITY (H2O = 1): 1.0
 VAPOR PRESSURE (mm Hg): <1
 VAPOR DENSITY (AIR = 1): <1
 SOLUBILITY IN H2O: Complete
 EVAPORATION RATE (WATER = 1): <1
 % VOLATILE: None
 pH: 8.0
 APPEARANCE AND COLOR: Clear water white liquid with a mild odor.

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY LIMITS (% IN AIR): N.A.
 FLASH POINT (CC): N.A.
 FLAMMABILITY CLASSIFICATION: NON-FLAMMABLE
 RECOMMENDED EXTINGUISHING MEDIA: CO2 Dry Chemical Foam. Do not use water
 SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with appropriate protective appare and NIOSH approved breathing apparatus.
 UNUSUAL FIRE/EXPLOSION HAZARDS: Decomposes on heating. Fumes corrosive and toxic

SECTION IV - HEALTH INFORMATION

EYES: May cause irritation with possible burns to tissue. Permanent eye damage may result.
 SKIN: May cause irritation with possible burns to tissue. Effects of skin contact may not appear immediately.
 INGESTION: May cause nausea, vomiting, diarrhea, abdominal pain followed by symptoms of weakness, tremors, convulsions, coma. May affect heart and circulatory system.
 INHALATION: Inhaled spray mist may cause irritation to the respiratory tract. Irritation effects may not appear immediately.

EMERGENCY FIRST AID PROCEDURES:

Eye Contact - Immediately flush eye with water for 15 minutes, holding upper and lower eyelids open to ensure complete flush. Call a physician immediately.

"ADDITIONAL INFORMATION"

This information is believed to be accurate and represents the best information currently available to Purochem. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information.

Prepared by: Technical Services. Revised 02/2006

SECTION V - HEALTH INFORMATION (cont'd)

EMERGENCY FIRST AID PROCEDURES CONTINUED:

Skin Contact - Remove contaminated clothing/shoes. Wash all areas with soap and water for 15 minutes. Apply bandages soaked with magnesium sulfate. Call physician immediately.
 Ingestion - Administer milk, chewable calcium carbonate tablets or milk of magnesia. Never give anything by mouth to an unconscious person. Call a physician immediately.
 Inhalation - Remove to fresh air. If breathing is difficult, give oxygen. Call a physician if breathing problems persist.

1) ACUTE HEALTH - Causes chemical burns
 2) CHRONIC HEALTH - May cause bone damage and fluorosis. Symptoms may include brittle bones, weight loss, anemia, calcified ligaments.
 National Toxicologic Program Carcinogen: YES NO
 I.A.R.C. Monographs Carcinogen: YES NO
 OSHA Carcinogen: YES NO

SECTION VI - REACTIVITY DATA

STABILITY: Stable under normal conditions
 CONDITIONS TO AVOID: Damp storage areas
 INCOMPATIBILITY WITH OTHER MATERIALS: Strong acids or alkali. Product will etch glass.
 HAZARDOUS DECOMPOSITION PRODUCTS: Heat, contact with strong acids or alkali liberates hydrogen fluoride and/or ammonia.
 HAZARDOUS POLYMERIZATION: Will not occur
 CONDITIONS TO AVOID: See incompatibility statement

SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURES IF MATERIAL IS SPILLED OR RELEASED: Small spills may be flushed to sewer. Large spills should be contained and neutralized with base. Wear proper protective equipment as per section VIII below
 WASTE DISPOSAL PROCEDURES: Neutralized product can be released to sanitary sewer or in accordance with local, state and Federal ordinances.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required if product is not being sprayed
 VENTILATION: Local exhaust sufficient
 PROTECTIVE GLOVES: Rubber or neoprene
 EYE PROTECTION: Chemical goggles or full face shield
 OTHER PROTECTIVE EQUIPMENT: Eye wash station

SECTION IX - ADDITIONAL PRECAUTIONS

PRECAUTIONS IN HANDLING AND STORAGE AND OTHER PRECAUTIONS: Practice good industrial hygiene in the handling of these products. Avoid spills and splashing of opened products. Store product in tightly closed original container. Do not repackage in glass or metal containers. Store in a cool dry place. Store away from other chemicals. Provide adequate ventilation. **KEEP OUT OF REACH OF CHILDREN.**