

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME: Prime-x
PRODUCT TYPE: Alkaline Liquid Cleaning Compound
PRODUCT NUMBER: 1039XX (Last 2 characters vary with the packaging)
COMPANY: Vaughan Industries
8490 Lyndon Street,
Detroit, MI 48375
(313) 935-2040
EMERGENCY PHONE: Chemtrec 1-800-424-9300

2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE: Corrosive to metals (1) Acute Toxicity Oral (4) Serious Eye Damage (1) Causes severe skin corrosion and eye damage (1B) Carcinogenicity (1B)

SYMBOLS:



SIGNAL WORD: DANGER!
HAZARD STATEMENT: May be corrosive to metals. Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. May cause cancer.

PRECAUTIONARY STATEMENTS:

PREVENTION: Keep in original container. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dust/fume/gas/mist/vapors/spray.

RESPONSE:

IF exposed or concerned: Call a POISON CONTROL CENTER or doctor/physician.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Immediately call a POISON CENTER or doctor/physician. Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER	Wt-%
Sodium metasilicate pentahydrate	7674-01-0	1-5
Nitritotriacetate, sodium salt (NTA)	18662-53-8	1-5

*Percentages of ingredients are being withheld as trade secret information. This information will be disclosed as necessary to authorized individuals

4 – FIRST-AID MEASURES

BREATHING (INHALATION): If victim shows signs of discomfort or irritation, remove to fresh air. If symptoms persist, get immediate medical attention.
SWALLOWING (INGESTION): DO NOT INDUCE VOMITING! Drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!
EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, consult a physician.
SKIN (DERMAL): Flush from skin and clothing with large amounts of fresh water. If irritation persists, consult physician. Wash contaminated clothing before wearing.

5 – FIRE-FIGHTING

MEASURES FLASHPOINT: This product is non-flammable.
EXTINGUISHING MEDIA: This product is non-flammable. Use extinguishing media suitable for materials already burning.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Absorb spillage to prevent material damage. Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.
WASTE DISPOSAL: As recommended by local, state and federal authorities.

7 – HANDLING AND STORAGE

STORAGE: Store in a closed container. Store locked up. Store in a cool, well ventilated area. Avoid overheating or freezing.
HANDLING: Do not place this product in an unmarked container. Avoid eye contact. Spilled material is slippery.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Respirator recommended, not normally required.
PROTECTIVE CLOTHING: Nitrile or PVC gloves, and chemical splash goggles.
ADDITIONAL MEASURES: Do not place this product in an unmarked container. Avoid eye contact. Spilled material is slippery.

INGREDIENT	C.A.S.	PEL	ACGHI
Sodium metasilicate pentahydrate	7674-01-0	None Listed	None Listed
Nitrioltriacetate, sodium salt	18662-53-8	None Listed	None Listed
2-Butoxyethanol	111-76-2	50 ppm	20 ppm

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR: Clear colorless liquid	VAPOR PRESSURE: N/A
ODOR THRESHOLD: N/A	VAPOR DENSITY (AIR=1): Greater than 1.
pH: Greater than 13	SPECIFIC GRAVITY: 1.07
MELTING POINT: N/A	SOLUBILITY IN WATER: Completely soluble.
FREEZING POINT: N/A	PARTITION COEFFICIENT: N/A
BOILING POINT: 210 degrees F.	EVAPORATION RATE: N/A
BOILING POINT RANGE: N/A	FLAMMABILITY (solid/gas): N/A
FLASHPOINT: This product is non-flammable.	EXPLOSION LIMITS: N/A
AUTO-IGNITION TEMPERATURE: N/A	DECOMPOSITION TEMPERATURE: N/A
VISCOSITY: Slight body	

10 – STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
HAZARDOUS POLYMERIZATION: This product not known to polymerize.
INCOMPATIBILITY: Do not mix with other chemicals or oxidizers

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY: Ingestion. Dermal contact. Eye contact.
LISTED CARCINOGEN: Nitrioltriacetate, sodium salt (NTA)
MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing dermatitis.
INHALATION: Inhalation not likely in harmful quantities
INGESTION: This material can cause irritation to stomach and esophagus.
EYES: May cause severe eye damage.
SKIN (DERMAL): This product may cause irritation if not removed from the skin.

12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: N/A
PRODUCTS OF BIODEGRADATION: Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.
TOXICITY OF THE PRODUCTS OF BIODEGRADATION: The products of degradation are less toxic than the product itself.

13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: As recommended by local, state and federal authorities.

14 – TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: N/A
HAZARD CLASS: N/A
UN/NA NUMBER: N/A
PACKAGING GROUP: N/A
LABELS REQUIRED: N/A

15 – REGULATIONS

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200
US TSCA INVENTORY STATUS: The components of this product are TSCA listed.
SARA: This product contains no material regulated under SARA Title III Section 313.
US CERCLA REPORTABLE QUANTITY: None
US TSCA INVENTORY STATUS: The components of this product are TSCA listed.
OTHER US FEDERAL REGULATIONS: None

16 – OTHER INFORMATION

The data and recommendations presented herein are based upon our research and that of others and are believed to be accurate. No guarantee of their accuracy is made, and they are distributed without warranty, express or implied. The person receiving them shall make their own determination of the suitability thereof for their particular purpose.

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