

Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **PrimeX**

Application: Detergent presoak

Chemical Description: Blended detergent product

Manufacturer: Vaughan Industries, Inc.

Address: 8490 Lyndon Detroit, MI 48238

Emergency Phone: 313 935 2040

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION: skin corrosion (1B) eye damage (1) metal corrosion (1) acute toxicity oral (4) carcinogenicity (2) aquatic hazard acute (3) skin corrosion/irritation (2) acute toxicity, inhalation (4) hazardous to the aquatic environment (4) serious eye damage (1) skin irritation (2)



SIGNAL WORD: Danger

HAZARD STATEMENTS: Causes severe skin burns and eye damage; May cause respiratory irritation; May be corrosive to metals; Harmful if swallowed; Suspected of causing cancer; Harmful to aquatic life; Harmful if inhaled; May cause long-lasting harmful effects to aquatic life

PRECAUTION STATEMENTS: Avoid breathing dust; Do not get in eyes, on skin, or on clothing; Wear protective gloves/protective clothing/eye protection/face protection; If swallowed: Rinse mouth. Do not induce vomiting; If on skin (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower; If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing; Obtain special instructions before use; Do not handle until all safety precautions have been read and understood; Avoid release to the environment; Do not eat, drink or smoke when using this product; Wash hands thoroughly after handling; If exposed or concerned: Get medical attention; If swallowed: Call a poison center or physician if you feel unwell; If eye irritation persists: Get medical attention; Store locked up; Dispose of contents and container in accordance with all local, regional, national and international regulations; Do not breathe dust/fume/gas/mist/vapors/spray; Get medical advice/attention if you feel unwell; Immediately call a poison center or doctor/physician

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	Wt%
Sodium metasilicate	6834-92-0	1-10
Nitritoltriacetate, sodium salt	18662-53-8	1-10
Surfactant	mixture	1-10
Cocamidopropylamine oxide	68155-09-9	1-10

4. FIRST AID PROCEDURES

EYES: Flush with large amounts of water. Seek medical attention.

SKIN: Wash with water. If irritation persists, seek medical help.

RESPIRATORY: Move to fresh air. If necessary, give oxygen and seek medical attention.

INGESTION: Consult a physician.

5. FIRE HAZARD DATA

EXTINGUISHING MEDIA: Any ordinary

SPECIAL FIREFIGHTING PROCEDURE: None

6. ACCIDENTAL RELEASE MEASURES

ACTION FOR SPILLS: Collect as much as possible for reuse. Place remainder in suitable container for disposal.

7. HANDLING AND STORAGE

VENTILATION: Equivalent to outside

RESPIRATORY PROTECTION: Normally not required

EYE PROTECTION: Safety glasses or goggles are always recommended

GLOVES: Plastic or rubber as used for washing

PROTECTIVE CLOTHING: Clean work clothes

STORAGE: Store in dry area at temperatures above freezing. Use chemical goggles and gloves when transferring concentrates

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: Ingredient 1: TWA 2 mg/m³; Ingredient 2: TWA 1 mg/m³

ENGINEERING CONTROLS: Use with adequate ventilation. Ensure eye wash and safety shower stations are

available near areas where product is used.

PERSONAL PROTECTION EQUIPMENT: Safety glasses must be worn. Maintain eye wash facilities in the work area. Wear gloves impervious to conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear, colorless liquid

ODOR: mild

ODOR THRESHOLD: n/m

pH: 10.8 – 11.8

VISCOSITY: n/m

RELATIVE DENSITY: 1.03 – 1.05

INITIAL BOILING POINT AND RANGE: 212 °F

MELTING/FREEZING PT: n/m

SOLUBILITY IN WATER: miscible

PARTITION COEFF: n-octanol/water: n/m

VAPOR PRESSURE: n/m

VAPOR DENSITY: Heavier than air

FLASH POINT: none

FLAMMABLE LIMITS: LFL: n/m UFL: n/m

AUTOIGNITION TEMPERATURE: n/m

DECOMPOSITION TEMPERATURE: n/m

EVAPORATION RATE: Slower than butyl acetate

10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: Strong oxidizers and strong acids

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: Ingredient 1: TWA 2 mg/m³; Ingredient 2: TWA 1 mg/m³

PRECAUTIONARY STATEMENT: May cause eye and skin irritation

EYE CONTACT: May cause eye irritation

SKIN CONTACT: Prolonged contact can cause irritation

RESPIRATORY: Will cause irritation if aerosolized

INGESTION: May cause gastrointestinal irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting lung or kidney conditions may be aggravated.

INGREDIENTS LIST AS CARCINOGEN: Nitritoltriacetate, sodium salt

12. ECOLOGICAL INFORMATION

All work practices must be aimed at eliminating environmental contamination.

ENVIRONMENTAL FATE: Bioaccumulation is not expected to be significant.

ECOLOGICAL DATA: Ingredient 1: Fish: LC50, 96 hours, 103 – 125 mg/L; Algae: EC50, 72 hours, >91.5 mg/L;

Ingredient 2: Fish, 96 h, LC50, 298 mg/L; Daphnia, 48 h, LC50, 560 mg/L; Algae, 5 day, EC50, 143 mg/L;

Ingredient 4: Minnow, 96 h, 10-20 mg/L; Algae, 96 h, EC50, 1-5 mg/L

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations.

14. TRANSPORTATION INFORMATION

US DEPARTMENT OF TRANSPORTATION

Proper Shipping Name: n/a

Hazard Class: n/a

UN/NA Number: n/a

Packing Group: n/a

Labels Required: None

15. REGULATORY INFORMATION

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. n/a: not available n/m: not measured

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