

Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **Wheel Pro Wizard**

Application: Auto Laundry

Chemical Description: Formulated detergent

Manufacturer: Vaughan Industries, Inc.

Address: 8490 Lyndon Detroit, MI 48238

Emergency Phone: 313 935 2040

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION: acute toxicity (3) skin corrosion (1B) serious eye damage (1) respiratory sensitizer (1) skin sensitizer (1)



SIGNAL WORD: Danger

HAZARD STATEMENTS: Toxic if swallowed; Causes severe skin burns and eye damage; May cause respiratory irritation; May cause an allergic skin reaction; May cause allergy or asthma symptoms or breathing difficulties if inhaled

PRECAUTION STATEMENTS: Do not breathe dust; Wear protective gloves/protective clothing/eye protection/face protection; If swallowed: Rinse mouth. Do not induce vomiting; If on skin: 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; If exposed or you feel unwell: Call a poison center or doctor/physician; Wear eye protection/face protection; Immediately call a poison center or doctor/physician; If on skin: Wash with plenty of soap and water; If inhaled: Remove victim to fresh air in a position comfortable for breathing; Do not get in eyes, on skin, or on clothing

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	Wt%
Ammonium bifluoride	1341-49-7	1-10
Surfactant	mixture	1-10
Citric acid	5949-29-1	1-5
Cocamidopropylamine oxide	68155-09-9	1-5

4. FIRST AID PROCEDURES

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

SKIN: Wash with water. Soak with a 0.13% solution of Zephirin chloride. (Do not use around eyes.) Seek medical help.

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

INGESTION: Consult a physician. Do not induce vomiting. If conscious, give plenty of water.

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: 2.5 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, blue liquid

pH: 5.0 – 7.0

INITIAL BOILING POINT AND RANGE: 212 °F

SOLUBILITY IN WATER: miscible

VAPOR PRESSURE: n/m

FLASH POINT: none

AUTOIGNITION TEMPERATURE: n/m

EVAPORATION RATE: Slower than butyl acetate

ODOR: acid

VISCOSITY: n/m

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

VAPOR DENSITY: Heavier than air

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

DECOMPOSITION TEMPERATURE: n/m

MELTING/FREEZING PT: n/m

RELATIVE DENSITY: 1.06 – 1.08

10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: Strong oxidizers and strong bases and strong acids

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: Ingredient 1, ACGHI TLB-TWA 2.5 mg/m³ for fluoride;

PRECAUTIONARY STATEMENT: May cause eye and skin irritation

EYE CONTACT: May cause eye damage

SKIN CONTACT: May cause delayed burns with no noticeable pain. Can be absorbed through skin. Can cause hypocalcemia.

RESPIRATORY: Can lead to inflammation of the respiratory tract and chemical pneumonia.

INGESTION: Can cause gastrointestinal burns. May also cause kidney dysfunction. Can be fatal if inhaled or ingested. Chronic effects of overexposure: repeated or prolonged contact with vapors may cause nasal ulceration or infection of the bronchial tract and eyes. In extreme cases, hypocalcemia, too erosion and bone or joint destruction can occur.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

INGREDIENTS LIST AS CARCINOGEN: None listed

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, 96 h, LC50, 107.5 ppm; Daphnia, 48 h, EC50, 97 mg/L; Algae, 96 h, IC50, 43 mg/L; Ingredient 2: 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: Hydrofluoric acid

UN/NA Number: NA 1790

Labels Required: Corrosive

Hazard Class: 8

Packing Group: III

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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