

Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **PowR Play**
Application: Auto Laundry
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: metal corrosion (1) skin corrosion (1A) serious eye damage (1) combustible liquid (4) harmful if swallowed (4) may be fatal if swallowed and enters airways (1) may cause drowsiness or dizziness (3) may cause damage to organs (2) harmful to aquatic life (3) acute toxicity oral (4) carcinogenicity (2) aquatic hazard acute (3) acute toxicity, inhalation (4) hazardous to the aquatic environment (4)



SIGNAL WORD: Danger

HAZARD STATEMENTS: Causes severe skin burns and eye damage; May cause respiratory irritation; May be corrosive to metals; Combustible liquid; Harmful if swallowed; May be fatal if swallowed and enters airways; Harmful if inhaled; May cause respiratory irritation; May cause drowsiness or dizziness; May cause damage to

organs; Harmful to aquatic life; Suspected of causing cancer; 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; If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing; Wash contaminate clothing before reuse; Store locked up; Dispose of content and/or container in accordance with local, regional, national and/or international regulations; Do not breathe dust/fume/gas/mist/vapor/spray; Wash with soap and water thoroughly after using this product; Use only outdoors or in well ventilated area; If swallowed: Call a poison center or doctor/physician if you feel unwell; If on skin: Wash with soap and water; If exposed or you feel unwell: Call a poison center or doctor/physician; Rinse mouth; If skin irritation occurs: Get medical advice/attention; If eye irritation persists: get medical advice/attention; 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

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	Wt%
Sodium metasilicate	6834-92-0	1-5
Sodium hydroxide	131073-2	1-5
2-Butoxyethanol	111-76-2	1-5
Sodium Nitritotriacetate	5064-31-3	1-5
Surfactants	mixture	1-5
Sodium Tripolyphosphate	7758-29-4	1-5

4. FIRST AID PROCEDURES

EYES: Flush with large amounts of water. Seek medical attention.
SKIN: Wash with water. If irritation persist, 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: n/a
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: Odorless	ODOR THRESHOLD: n/m
pH: 11.0 – 12.5	VISCOSITY: n/m	RELATIVE DENSITY: 1.11 – 1.13
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

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: Ingredient 1, 2 mg/m³; Ingredient 3, 50 ppm; Ingredient 4, TWA 1 mg/m³; Ingredient 6, 10 mg/m³

PRECAUTIONARY STATEMENT: May cause skin irritation

EYE CONTACT: May cause eye damage
SKIN CONTACT: Prolonged contact can cause irritation
RESPIRATORY: Will cause irritation if aerosolized
INGESTION: May cause gastrointestinal irritation
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. This product is made from biodegradable components.
ECOLOGICAL DATA: Ingredient 1: Fish, 96 h, LC50, 210 mg/L Daphnia, 48 h, EC50, 1700 mg/L; Ingredient 3: fish, 96 h, 1250 ppm; Ingredient 4: Fish, 96 h, LC50, 298 mg/L Daphnia, 48 h, LC50, 560 mg/L Algae, 5 day, EC50, 143 mg/L; Ingredient 5: Fish, 96 h, LC50, 10 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: Compounds, cleaning liquid	Hazard Class: 8
UN/NA Number: NA 1760	Packing Group: III
Labels Required: Corrosive	

15. REGULATORY INFORMATION

SARA Title III Section 313: 2-Butoxyethanol
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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