

1. PRODUCT IDENTIFICATION

Product Name: **PowR Play**
 Application: Auto Laundry
 Chemical Description: Blended detergent product
 Date of Preparation: 12-28-12 AD

Manufacturer: Vaughan Industries, Inc.
 Address: 8490 Lyndon Detroit, MI 48238
 Emergency Phone: 313 935 2040
 Revision Number: 2

2. COMPOSITION/INFORMATION ON INGREDIENTS

| INGREDIENT | LISTED HAZARD | CAS No. |
|---------------------|---------------|-----------|
| Sodium metasilicate | Corrosive | 6834-92-0 |
| Sodium hydroxide | Corrosive | 131073-2 |
| 2-Butoxyethanol | TLV | 111-76-2 |

3. HAZARD IDENTIFICATION

GHS CLASSIFICATION: Warning

HAZARD STATEMENTS: Irritates Skin;

Damages eyes;
 Corrosive

HMIS

Health 3 Flammability 0 Reactivity 0

Protective equipment: Goggles, Gloves

**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.

INGENSTION: Consult a physician.

5. FIRE HAZARD DATA

FLASH POINT: None

METHOD USED: n/a

EXTINGUISHING MEDIA: Any ordinary

SPECIAL FIREFIGHTING PROCEDURE: None

FLAMMABLE LIMITS:

LFL: n/a

UFL: n/a

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

BOILING POINT: 212°F

VAPOR PRESSURE: n/m

VAPOR DENSITY: Heavier than air

EVAPORATION RATE: Slower than butyl acetate

APPEARANCE AND ODOR: Clear, colorless liquid

SOLUBILITY IN WATER: Miscible

SPECIFIC GRAVITY: 1.11 – 1.13

pH: 11.0 – 12.5

10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: Ingredient #2, 2 mg/m³; Ingredient #3, 25 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 AGGREAVATED 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: Fish: n/m Algae: n/m Daphnia: n/m

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

UN/NA Number: NA 1760

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