

## Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

Product Name: **Star Brite**  
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, inhalation (4) hazardous to the aquatic environment (4) skin corrosion (1B) metal corrosion (1) skin corrosion (1A) serious eye damage (1)



SIGNAL WORD: Warning

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

PRECAUTION STATEMENTS: Wash hands thoroughly after handling; If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing; If eye irritation persists: Get medical advice/attention; Wear protective gloves/protective clothing/eye protection/face protection; Do not breathe dust/fume/gas/mist/vapors/spray; Do not get in eyes, on skin, or on clothing; Get medical advice/attention if you feel unwell; If skin irritation occurs: get medical advice/attention; Immediately call a poison center or doctor/physician; Avoid breathing dust; 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; Wash thoroughly after handling; If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing; Wash contaminated clothing before reuse; Store locked up; Dispose of content and/or container in accordance with local, regional, national and/or international regulations

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	Wt%
Sodium metasilicate	6834-92-0	15-40
Sodium tripolyphosphate	497-19-8	15-40
Sodium hydroxide	1310-73-2	2-20
Surfactant blend	mixture	5-20

### 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: Ingredients 1 and 3: TWA 2 mg/m<sup>3</sup>  
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: Orange powder ODOR: essentially odorless ODOR THRESHOLD: n/m  
pH: > 13 @ 1w/w% VISCOSITY: n/m RELATIVE DENSITY: n/m  
INITIAL BOILING POINT AND RANGE: n/a MELTING/FREEZING PT: n/a  
SOLUBILITY IN WATER: miscible PARTITION COEFF: n-octanol/water: n/m  
VAPOR PRESSURE: n/m VAPOR DENSITY: n/a  
FLASH POINT: none FLAMMABLE LIMITS: LFL: n/m UFL: n/m  
AUTOIGNITION TEMPERATURE: n/a 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: Ingredients 1 and 3: TWA 2 mg/m<sup>3</sup>  
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: 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 3: Guppy, 96 h, LC50, 196 mg/L; Daphnia, 48 h, EC50, 40.4 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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