

Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: Brilliance Orange

Application: Auto Laundry

Chemical Description: Blended detergent

Manufacturer: Vaughan Industries, Inc.

Address: 8490 Lyndon Detroit, MI 48238

Emergency Phone: 313 935 2040

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION: eye damage (1) skin corrosion/irritation (2) acute toxicity, inhalation (4) hazardous to the aquatic environment (4)



SIGNAL WORD: Warning

HAZARD STATEMENTS: Harmful if inhaled; May cause long-lasting harmful effects to aquatic life; Causes skin irritation; Causes severe eye irritation;

PRECAUTION STATEMENTS: Wash thoroughly after handling; Avoid release to the environment; Wear protective gloves/protective clothing/eye protection/face protection; 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; Store in dry place. Store in closed

container; Dispose of contents and container in accordance with local, state, and federal regulations; Do not

breathe dust/fume/ gas/mist/vapors/spray; Do not get in eyes, on skin, or on clothing; If on skin: wash with

plenty of soap and water; Get medical advice/attention if you feel unwell; If skin irritation occurs: get medical

advice/attention

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	Wt%
Sodium (C14-16) Olefin Sulfonate	68439-57-6	1-10
Surfactant blend	Mixture	10-20

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: Carbon dioxide, dry chemical, foam

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/m

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, orange liquid

pH: 9-10

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: fruity

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

ODOR THRESHOLD: n/m

RELATIVE DENSITY: 1.03-1.05

MELTING/FREEZING PT: n/m

10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: none known

PRECAUTIONARY STATEMENT: Causes eye and skin irritation

EYE CONTACT: Causes 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 (OECD 301A).

ECOLOGICAL DATA: Ingredient 1: Fish, 96 h, LC50, 2.6 mg/L; Daphnia, 48 h, ED50, 4.48 mg/L; Algae, 72 h, EC50, 42.3 mg/L

This material is not expected to be dangerous to the environment.

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

UN/NA Number: n/a

Labels Required: None

Hazard Class: n/a

Packing Group: n/a

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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