

Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **Citrus Pro**
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: acute toxicity, oral (4) skin corrosion/irritation (2) serious eye damage/eye irritation (2A) hazardous to the aquatic environment, long term hazard (3) respiratory sensitizer (1) skin sensitizer (1)

SIGNAL WORD: Danger

HAZARD STATEMENTS: Harmful if swallowed; Causes skin irritation; Causes serious eye irritation; Harmful to aquatic life with long lasting effects; May cause respiratory irritation; May cause an allergic skin reaction; May cause allergy or asthma symptoms or breathing difficulties if inhaled; Suspected of causing cancer; May cause damage

to organs through prolonged or repeated exposure;

PRECAUTION STATEMENTS: Wash thoroughly after handling; Do not eat, drink or smoke when using this product. Avoid release to the environment; Wear protective gloves; Wear eye/face protection; If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water; If in eyes. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing; Rinse mouth; If skin irritation occurs: Get medical advice/attention; If eye irritation persists: Get medical advice/attention; Take off contaminated clothing and wash before reuse; Store away from incompatible materials; Dispose of contents/container in accordance with local/regional/national/international regulations; If inhaled: Remove victim to fresh air in a position comfortable for breathing; Obtain special instructions before use; Use only outdoors or in a well ventilated area; Use personal protective equipment as required; Immediately call a poison center or doctor/physician; If exposed or concerned: Get medical attention/advice; If skin irritation occurs: Get medical advice/attention; Store in a well ventilated place. Keep container tightly closed

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	Wt%
Sodium olefin sulfonate	68439-57-6	10-40
Citric acid	5949-29-1	1-5
Cocodiethanolamide	68603-42-9	1-5

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. Spilled material will be slippery on the floor.

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 a 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, colorless liquid

ODOR: mild

ODOR THRESHOLD: n/m

pH: 3 - 6

VISCOSITY: n/m

RELATIVE DENSITY: 0.98 – 1.08

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: n/m

PRECAUTIONARY STATEMENT: May cause eye and skin irritation

EYE CONTACT: May cause eye irritation

SKIN CONTACT: Prolonged contact can cause irritation

RESPIRATORY: n/m

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

ECOLOGICAL DATA: Ingredient 1: Fish, 96 h, LC50, 2.5-5 mg/L; Daphnia, 48 h, EC50, 4.48 mg/L; Algae, 72 h, EC50, 45 mg/L; Ingredient 3: Fish, 96 h, LC50, 3.60 mg/L; Daphnia, 48 h EC 50, 2.15 mg/L; Algae, 72 h EC50, 2.20 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

Date of Preparation: 4-22-15 AD

Revision Number: 2