

Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **Cyclone**
Application: Tire cleaner
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: skin corrosion (1A) serious eye damage (1)

SIGNAL WORD: Danger



HAZARD STATEMENTS: Causes severe skin burns and eye damage; Causes serious eye damage
PRECAUTION STATEMENTS: Do not breathe; Wash thoroughly after handling; Wear protective gloves/ protective clothing/eye protection/face protection; If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing; If on skin (or hair); take off immediately all contaminated clothing. Rinse skin with water/shower; Wash contaminated

clothing before reuse; Specific treatment, see supplemental first aid information; If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing; Immediately call a poison center or doctor/physician; If swallowed: rinse mouth. Do not induce vomiting. 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 hydroxide	1310-73-2	10-50

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 a 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 THRESHOLD: n/m pH: > 13
INITIAL BOILING POINT AND RANGE: 212 °F
RELATIVE DENSITY: 1.3 – 1.4 SOLUBILITY IN WATER: miscible
FLASH POINT: none AUTOIGNITION TEMPERATURE: n/m
VAPOR PRESSURE: n/m VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Slower than butyl acetate

ODOR: odorless
VISCOSITY: n/m
MELTING/FREEZING PT: n/m
PARTITION COEFF: n-octanol/water: n/m
FLAMMABLE LIMITS: LFL: n/m UFL: n/m
DECOMPOSITION TEMPERATURE: n/m

10. STABILITY AND REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY: Strong oxidizers and strong acids

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: OSHA TWA 2 mg/m³
PRECAUTIONARY STATEMENT: May cause skin damage
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: Fish: 96 h, LC50, 196 mg/L Algae: n/m Daphnia: 48 h, EC50, 40.4 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: Sodium hydroxide solution
UN/NA Number: UN 1824
Labels Required: Corrosive

Hazard Class: 8
Packing Group: II

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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