

Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: **Pit Clean**

Application: Equipment cleaner

Chemical Description: Sodium hypochlorite solution

Manufacturer: Vaughan Industries, Inc.

Address: 8490 Lyndon Detroit, MI 48238

Emergency Phone: 313 935 2040

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION: serious eye damage (1C) skin corrosion/irritation (1) serious eye damage/eye irritation (1)



SIGNAL WORD: Danger

HAZARD STATEMENTS: Causes severe skin burns and eye damage; Very toxic to aquatic life

PRECAUTION STATEMENTS: Do not breathe mist, vapors, or spray; Wash hands thoroughly after handling; Avoid release to the environment; Wear protective gloves/protective

clothing/eye protection/face protection; If swallowed: Rinse mouth. Do not induce vomiting; If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower; Wash contaminated clothing before reuse; If inhaled: Remove person to fresh air and keep comfortable for breathing; Immediately call a poison control center or doctor/physician; If in eyes: Rinse thoroughly with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Collect spillage; Store locked up; Dispose of contents/containers in accordance with local/regional/national/international regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	Wt%
Sodium hypochlorite	7681-52-9	5-15

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.

INGESTION: Rinse mouth with water. Drink large volume of water. Seek medical attention immediately.

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: 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, yellow-green liquid

ODOR THRESHOLD: n/m pH: > 12.5

INITIAL BOILING POINT AND RANGE: Decomposes

RELATIVE DENSITY: 1.20 – 1.22 SOLUBILITY IN WATER: miscible

FLASH POINT: none

VAPOR PRESSURE: 17.5 mm Hg VAPOR DENSITY: 1.3, air = 1

EVAPORATION RATE: 1.2, water = 1

ODOR: chlorine

VISCOSITY: n/m

MELTING/FREEZING PT: n/m

PARTITION COEFF: n-octanol/water: n/m

AUTOIGNITION TEMPERATURE: n/m

FLAMMABLE LIMITS: LFL: n/m UFL: n/m

DECOMPOSITION TEMPERATURE: n/m

10. STABILITY AND REACTIVITY

STABILITY: Stable; becomes UNSTABLE above 104°F

HAZARDOUS POLYMERIZATION: Will not occur

INCOMPATIBILITY: Acids, ammonia, amines, combustibles, organic material, detergent concentrates, reducing agents, soaps, oxidizable metals, methanol, cellulose, bisulfites, oils, greases, phenolic disinfectants, ultraviolet light, benzyl cyanide, ethylenimine, formic acid, nitrogen compounds, oxalic acid, zinc

CONDITIONS OF AVOID: High heat, sparks, flames under other ignition sources, sunlight. DO NOT mix with detergent concentrates. Use clean pumps. Dangerous gasses may accumulate in confined spaces. May ignite or explode on contact with combustible materials.

11. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: n/m

PRECAUTIONARY STATEMENT: Can release chlorine gas if mixed with acids.

EYE CONTACT: Will cause eye damage.

SKIN CONTACT: Prolonged contact can cause irritation and blistering.

RESPIRATORY: Irritation of nose and throat, coughing, difficulty breathing.

INGESTION: Burning of mouth and throat, cramps, nausea, vomiting, diarrhea, shock

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.

ECOLOGICAL DATA: Fish: LC50, 96 hours, 0.094 mg/L

Algae: LC50, 96 hours, 0.090 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 Hypochlorite

Hazard Class: 8

UN/NA Number: UN 1791

Packing Group: II

Labels Required: Corrosive

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: 4-15-15 AD

Revision Number: 7