

# Material Safety Data Sheet

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## Section 1 General Information

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**Manufacturer:** Citri Fresh  
(678) 697-6267

**Date:** 07/12/07

**Product Name:** Deck Strip

**Product Codes:** CF-DS-2 | CF-DS-5 | CF-DS-20

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## Section 2 Hazardous Ingredients

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OSHA ACGIH

Hazardous Component	CAS#	PEL	TLV
Sodium hydroxide	1310-73-2	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup> (Ceiling)

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## Section 3 Hazard Identification

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**Emergency Overview:** This material is a granular with a mild odor and a flash point greater than 200 F. It is used as a stain and finish remover for wood including decks and siding.

**Primary Routes of Exposure:**

Eye  
Skin  
Inhalation

**Potential Acute Health Effects:**

**Eye:** CORROSIVE. Substance can cause severe eye irritation and permanent eye damage.

**Skin:** Substance is CORROSIVE. Can cause skin irritation, redness, burns, dermatitis.

**Ingestion:** Can cause gastrointestinal tract irritation including burning sensation in mouth, throat, and esophagus. Can be harmful or fatal if swallowed.

**Inhalation:** Can be harmful if inhaled. Can cause respiratory tract irritation.

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N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

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Potential Chronic Health Effects: None Known

(See also Sections 4, 8, and 11 for related information)

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## Section 4 First Aid Measures

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**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Call physician or poison control center immediately.

**Skin contact:** Remove contaminated clothing. Wash thoroughly with soap and large amounts of water. If irritation persists, get medical attention. Wash clothes before reuse.

**Ingestion:** If swallowed, do NOT induce vomiting. Give victim large quantities of water or milk. Call physician or poison control center immediately.

**NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

**Inhalation:** Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**Note to Physician:** There is no specific antidote for effects from overexposure to this material. Treatment should be directed at the control of symptoms and the clinical condition.

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## Section 5 Fire Fighting Measures

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**Flash Point:** N/D (est. > 200 F).

**Flammable Limits in Air:** Lower (LEL): Not determined  
Upper (UEL): Not determined

**Extinguishing Media:** Use dry chemical, carbon dioxide, or foam.

**Protection of Firefighters:** As in any fire, wear complete fire service protective equipment, including full-face MSHA/NIOSH approved or equivalent self-contained breathing apparatus. Use water to cool fire-exposed container/structure/protect personnel. Do not put in contact with oxidizing or caustic materials.

**Fire and Explosion Hazards:** None known.

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## Section 6 Accidental Release Measures

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**Personal Precautions:** Use with adequate ventilation. Avoid breathing vapors. Avoid contact with eyes and skin. Do not eat, drink or smoke in areas of use or storage.

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**Clean Up Methods:**

Keep unnecessary people away. Dike and contain spill with inert material (sand, earth, etc.). Transfer liquid to containers for recovery or disposal, or absorb with absorbent materials and place into containers for disposal. Keep spill out of sewer and open bodies of water. Floors may be slippery; care should be exercised to avoid falls during clean up operations. (See also Section 8 for information on Exposure Controls and Personal Protective Equipment)

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**Section 7 Handling and Storage**

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**Handling:** Avoid breathing vapors and mists. Avoid contact with skin or eyes. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling.

**Storage:** Keep in closed, labeled container when not in use. Store in a cool, dry, well shaded, ventilated area. Protect from physical damage. Maintain good housekeeping.

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**Section 8 Exposure Controls / Personal Protection**

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**Engineering Controls:** Use in well-ventilated area. Provide sufficient mechanical ventilation (local exhaust or general room dilution) to maintain exposure levels below applicable exposure levels. Local exhaust is necessary for use in enclosed or confined spaces.

**Personal Protective Equipment (PPE):**

**Eye Protection:** Wear chemical splash goggles, or full-face shield to prevent splashing.

**Skin Protection:** Wear impervious chemical resistant gloves.

**Respiratory Protection:** If ventilation does not maintain inhalation exposure below the applicable occupational exposure limit or if applying with a sprayer use a NIOSH approved respirator with organic vapor cartridges and P-100 filters. Follow the equipment manufacturers "Instructions" and "Warnings".

**Other Protective Clothing:** Impervious apron and rubber boots to prevent skin contact.

**General Hygiene Practices:** Remove contaminated clothing and wash before reusing. To avoid accidental ingestion, do not eat, drink, smoke, or apply cosmetics while handling this material.

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## Section 9 Physical Data

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**Appearance:** Granular **Odor:** Mild odor  
**Boiling Point:** N/D **Melting Point:** N/D  
**Odor Threshold:** N/D **Viscosity:** N/D  
**Gravity** (water = 1): >1

**Physical State:** Liquid **pH:** N/D  
**Vapor Pressure:** N/D **Vapor Density:** N/D  
**Solubility in Water:** Soluble **Specific**

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## Section 10 Stability and Reactivity

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**Stability:** Stable.

**Hazardous Polymerization:** None known.

**Hazardous Decomposition Products:** May produce carbon monoxide, carbon dioxide, and sodium oxide by thermal decomposition.

**Conditions to Avoid:** Keep away from heat, sparks, open flame and fire.

**Incompatibility:** Acids, organic peroxides

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## Section 11 Toxicological Information

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**Carcinogenicity:** This material is not considered a carcinogen by IARC or NTP and is not regulated as a carcinogen by OSHA. (See also Section 15 for related information)

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## Section 12 Ecological Information

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**Chemical Fate and Effects:** Product has not been tested for ecotoxicity.

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## Section 13 Disposal Considerations

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**RCRA Hazardous Waste:** This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261). The transportation, storage, treatment, and disposal of this waste must be conducted in compliance with 40 CFR 262, 263, 264, 268, and 270. Disposal can only occur in properly permitted facilities. Check state and local regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.

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## Section 14 Transportation Information

**Regulated by the US DOT:** No. This product is not considered a hazardous material by DOT.

**Freight Classification:** Cleaning Compound

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## Section 15 Regulatory Information

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**CERCLA:**

The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102). Components present in this product at a level which could require reporting under the statute are:

Chemical Name	CAS#	Maximum Concentration (Wt. %)
None	N/A	N/A

**SARA Title III, section 311/312:**

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312). Components present in this product at a level which could require reporting under the statute are: Chemical Name CAS# Maximum Concentration (Wt. %) None N/A N/A SARA Title III, section 313:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

Chemical Name	CAS#	Maximum Concentration (Wt.%)
None	N/A	N/A

### **TSCA:**

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product does not contain any chemicals that require export notification under Section 12(b) of the TSCA regulation.

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## Section 16 Other Information

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**Legend:** N/A: Not Applicable N/D: Not Determined

N/E: Not Established N/R: Not Required

**STEL:** Short Term Exposure Limit **C:** OSHA Ceiling Value

**cps:** Centipoise **mg/m<sup>3</sup>:** milligrams per cubic meter

**mppcf:** million particles per cubic foot of air.

**PPM:** Parts Per Million

**PPB:** Parts Per Billion **PEL:** Permissible Exposure Limit

**TLV:** Threshold Limit Value **TWA:** Time Weighted Average

**ACGIH:** American Conference of

Governmental Industrial Hygienists

**CPSC:** Consumer Product Safety Commission

**FHSA:** Federal Hazardous Substance Act

**OSHA:** Occupational Safety and Health Administration (US Dept. of Labor)

**RCRA:** Resource Conservation and Recovery Act

**SARA:** Superfund Amendment and Reauthorization Act

**Skin:** This substance has the potential to be absorbed systemically through the skin.

**TSCA:** Toxic Substance Control Act

### HMIS Key

4 = Severe Hazard

3 = Serious Hazard

2 = Moderate Hazard

1 = Slight Hazard

0 = Minimal Hazard

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**Disclaimer:** Citri Fresh believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data and to comply with all applicable international, federal, state, and local laws and regulations.