

# Material Safety Data Sheet

**24 Hour Assistance:**  
**1-847-367-7700**

## 1. Identification

**Product Name:** Wood Bleach Part A **Revision Date:** 3/18/2013

**Identification Number:** Z-115-171A

**Product Use/Class:** No Information

**Supplier:** Zinsser Company, Inc.  
173 Belmont Drive  
Somerset, NJ 08875  
(732)469-8100

**Manufacturer:** Zinsser Company, Inc.  
173 Belmont Drive  
Somerset, NJ 08875  
(732)469-8100

**Preparer:** Regulatory Department

## 2. Hazard Identification

**EMERGENCY OVERVIEW:** Harmful if swallowed. Causes skin and eye burns. Use ventilation necessary to keep exposures below recommended exposure limits, if any.

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Substance causes severe eye irritation. Injury may be permanent.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Extremely irritating to the skin.

**EFFECTS OF OVEREXPOSURE - INHALATION:** Causes nose and throat irritation.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Harmful if swallowed.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** No Information

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Absorption, Skin Contact

## 3. Composition/Information On Ingredients

| Chemical Name    | CAS-No.   | Weight %<br>Less Than | ACGIH TLV-<br>TWA | ACGIH TLV-<br>STEL | OSHA PEL-TWA | OSHA PEL-<br>CEILING |
|------------------|-----------|-----------------------|-------------------|--------------------|--------------|----------------------|
| Sodium Hydroxide | 1310-73-2 | 10.0                  | N.E.              | N.E.               | 2 mg/m3      | N.E.                 |
| Sodium Silicate  | 1344-09-8 | 5.0                   | N.E.              | N.E.               | N.E.         | N.E.                 |

## 4. First-aid Measures

**FIRST AID - EYE CONTACT:** Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

**FIRST AID - SKIN CONTACT:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists.

**FIRST AID - INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation.

**FIRST AID - INGESTION:** Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

## 5. Fire-fighting Measures

**Flash Point, °F** 0 (Setaflash)

**Extinguishing Media:** None Known

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers to prevent buildup of steam.

## 6. Accidental Release Measures

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

## 7. Handling and Storage

**HANDLING:** Wash thoroughly after handling. Wash hands before eating. Avoid contact with eyes.

**STORAGE:** Keep from freezing. Keep container closed when not in use.

## 8. Exposure Controls/Personal Protection

**ENGINEERING CONTROLS:** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SKIN PROTECTION:** Use gloves to prevent prolonged skin contact. Nitrile or Neoprene gloves may afford adequate skin protection.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE EQUIPMENT:** Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

**HYGIENIC PRACTICES:** Wash thoroughly with soap and water before eating, drinking or smoking.

## 9. Physical and Chemical Properties

|                             |                  |                          |                   |
|-----------------------------|------------------|--------------------------|-------------------|
| <b>Vapor Density</b>        | Heavier than Air | <b>Odor:</b>             | Mild              |
| <b>Appearance:</b>          | Liquid           | <b>Evaporation Rate:</b> | Slower than Ether |
| <b>Solubility in Water:</b> | No Information   | <b>Freeze Point:</b>     | N.D.              |
| <b>Specific Gravity:</b>    | 1.080            | <b>pH:</b>               | N.A.              |
| <b>Physical State:</b>      | Liquid           |                          |                   |

(See section 16 for abbreviation legend)

## 10. Stability and Reactivity

**CONDITIONS TO AVOID:** Avoid contact with strong acid and strong bases.

**INCOMPATIBILITY:** Incompatible with strong oxidizing agents, strong acids and strong alkalies.

**HAZARDOUS DECOMPOSITION:** By open flame, carbon monoxide and carbon dioxide. When heated to decomposition, it emits acrid smoke and irritating fumes.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**STABILITY:** This product is stable under normal storage conditions.

## 11. Toxicological Information

| <u>Chemical Name</u> | <u>LD50</u> | <u>LC50</u> |
|----------------------|-------------|-------------|
| Sodium Hydroxide     | N.E.        | N.E.        |
| Sodium Silicate      | N.E.        | N.E.        |

## 12. Ecological Information

**ECOLOGICAL INFORMATION:** Product is a mixture of listed components.

## 13. Disposal Information

**DISPOSAL INFORMATION:** Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter waterways, wastewater, soil, storm drains or sewer systems.

## 14. Transport Information

|                              | <b>Domestic (USDOT)</b> | <b>International (IMDG)</b> | <b>Air (IATA)</b>  |
|------------------------------|-------------------------|-----------------------------|--------------------|
| <b>Proper Shipping Name:</b> | Consumer Commodity      | Consumer Commodity          | Consumer Commodity |
| <b>Hazard Class:</b>         | ORM-D                   | ORM-D                       | ORM-D              |
| <b>UN Number:</b>            | N.A.                    | N.A.                        | N.A.               |
| <b>Packing Group:</b>        | N.A.                    | N.A.                        | N.A.               |
| <b>Limited Quantity:</b>     | No                      | No                          | No                 |

## 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard

#### Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

#### Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

**International Regulations:****CANADIAN WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Canadian WHMIS Class: D2B

**16. Other Information****HMIS Ratings:**

Health: 2      Flammability: 0      Physical Hazard: 0      Personal Protection: X

**NFPA Ratings:**

Health: 2      Flammability: 0      Instability: 0

Volatile Organic Compounds, g/L: 0

REASON FOR REVISION: Regulatory Update

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The manufacturer 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 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. The manufacturer makes 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 to comply with all applicable international, federal, state, and local laws and regulations.