

Daubert Cromwell

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Chemtrec Emergency Number
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MATERIAL SAFETY DATA SHEET

SECTION I - Identity

Product Name: Daubrite® 5 Disk Emitter

Daubrite® 10 Disk Emitter

Generic Name: Corrosion Inhibitor Device; Nitrite- Free; Multi-metal

File # 1112VCI

Date Prepared: 10/08/2001

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Approved by: Roy Galman

Reviewed. 7/21/05 jb 6/08 JMB 08/08 SMD

SECTION II - Hazardous Ingredients

Ethanol, 2-(diethylamino)-: <8%

OSHA VPEL TWA 10 ppm TWA (Skin)

ACGIH TLV TWA 2 ppm - TWA (Skin)

The corrosion inhibiting coating is applied to a fibrous pad and as such very small amounts of coating is available freely. The hazards listed are those for the ingredients in the coating.

SECTION III - Hazards Identification

HMIS

Health ----- 3

Flammability--- 1

Reactivity----- 0

WHMIS D1B,D2B The WHMIS ratings are for the ingredient listed in the above section and not for the device. The flammability of the ingredient is mitigated due to the fibrous pad on which it is applied.

Emergency First Aid Procedures:

Skin Contact: Contact with the skin causes severe irritation and/or burns.

Eye Contact: Contact with the eye causes severe irritation or burns.

Inhalation: Inhalation of mist may cause irritation of the respiratory system.

Ingestion: May be harmful or fatal if swallowed.

Target Organ Effects: Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: Testis damage.

SECTION IV - First Aid Measures

Swallowing: Swallowing this material may be harmful or fatal. Seek medical attention. Do not induce vomiting. Vomiting will cause further damage to the mouth and throat. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. Never give anything by mouth if victim is unconscious or having convulsions. Call a physician or poison control center immediately. If possible, do not leave individual unattended.

Skin Contact: Immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse and discard contaminated shoes.

Inhalation: Immediately remove victim to fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen. (See section VIII.)

Eyes: Immediately flush eyes gently with water for at least 15 minutes while holding eyelids apart. Do not permit victim to rub eyes. If symptoms develop as a result of vapor exposure, immediately move individual away from exposure and into fresh air before flushing as recommended above. Seek immediate medical attention.

SECTION V - Fire and Explosion Hazard Data

Flash Point: NA

Unusual Fire & Explosion Hazards: None

Special Fire Fighting Procedures: Use self-contained breathing apparatus and protective clothing for fighting large paper fires.

Extinguishing Media: Use CO₂, foam, or dry chemical.

Hazardous Decomposition products: Carbon monoxide, carbon dioxide, small amount of nitrogen oxides.

SECTION VI - Accidental Release Measures

This product is not expected to cause a hazardous situation. See section XIII for disposal information.

SECTION VII - Precautions for Safe Handling and Use

Precautions to be taken in handling and storage:

Normal precautions common to good manufacturing practice should be followed in handling and storage. This product is for industrial use only.

Other Precautions: Use of the product in elevated temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.

SECTION VIII - Special Protection Information

Respiratory Protection: Under normal handling conditions respirator protection is unnecessary. If personnel experience respiratory discomfort or irritation, and ventilation is not possible, a NIOSH approved half-mask respirator equipped with organic vapor cartridge and dust/mist pre-filter is recommended.

Ventilation: General ventilation is expected to be satisfactory.

Protective Gloves: All types are adequate.

Eye Protection: Safety glasses.

Other protective equipment: Safety shoes and appropriate lifting equipment are recommended when handling large containers of product (>75 lbs.).

SECTION IX - Physical/Chemical Characteristics**Boiling Point:** N/A**Physical State:** Fibrous pad containing dried VCI chemical.**Color & Appearance:** Light yellow oily liquid**Odor:** Slight fruity odor

SECTION X - Reactivity Data**Stability:** Stable**Incompatibility (materials to avoid):** Normally not reactive; however, avoid bases, strong acids, strong oxidizing agents and materials reactive with hydroxyl compounds.**Hazardous Polymerization:** Will not occur.

SECTION XI - Health Hazard Data**Effects of single overexposure:** From the available information there is no evidence of adverse effects from overexposure by swallowing, skin absorption, inhalation, skin contact or eye contact.**TLV & Source:** None established by ACGIH or OSHA for the product.**Effects of Overexposure under Specialized Condition:** Overexposure to vapors generated at high temperature may result in eye and respiratory tract irritation. Prolonged exposure to vapors may result in nausea and headaches.

SECTION XII - Ecological Information

This product is not known to cause ecological damage. The fiber pad may also be recycled as a paper product.

SECTION XIII - Disposal Considerations

This product is compatible with solid waste treatment systems. Recycle where possible and dispose of emitter according to local solid waste regulations.

SECTION XIV - Transportation Information

Corrosion inhibition device. Non-hazardous. No shipping restrictions apply.

SECTION XV - Regulatory Information**TSCA Inventory Status:** This product and/or all of its components are included on the TSCA Inventory of Chemical Substances and Suspect Chemicals Sourcebook 1997.**Section 311/312 Hazard Categories:** Immediate, Delayed, Fire, and Acute

Superfund Amendments and the reauthorization act of 1986 (Sara) title III require 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 level that could require reporting under the statute are:

NONE

Superfund amendments and the reauthorization act of 1986 (SARA) title III require the submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS's that are copied and distributed for this material. Components present in this product at a level that could require reporting under the statute are:

NONE

Canadian WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. All the ingredients are on the Domestic Ingredients List.

The opinions expressed herein are those of qualified experts within Daubert Cromwell. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Daubert Cromwell, it is the user's obligation to determine the conditions of safe use of the product.