

**MATERIAL SAFETY DATA SHEET**

HADDON EQUIPMENT & SUPPLIES  
8441 MAIN STREET  
VANCOUVER BC V5X 3Y2

Phone: (604) 325-3281  
In Case of Emergency Only:  
Phone CANUTEC: (613) 996-6666  
Valid: Nov. 2011 – Nov. 2013

**PRODUCT NAME:** D-STAIN  
**OTHER NAME:** D-STAIN  
**DISTRIBUTED BY:**

**CODE: J477**

**WHMIS CLASSIFICATION:** D2B  
**TDG CLASSIFICATION:** Not Regulated.

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<b>HAZARDOUS INGREDIENTS</b>	<b>%WT/WT</b>	<b>CAS NO.</b>	<b>TOXICITY DATA (LD<sub>50</sub> &amp; LC<sub>50</sub>)</b>
Sodium Metasilicate	10-30	6834-92-0	LD <sub>50</sub> Oral (rat) 847 mg/kg
Sodium Carbonate	15-40	497-19-8	LD <sub>50</sub> Oral (rat) 2800 mg/kg ACGIH TLV - 10 mg/m <sup>3</sup>
Sodium Percarbonate	15-40	15630-89-4	LD <sub>50</sub> Oral (rat) 200 mg/kg

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**PHYSICAL DATA FOR PRODUCT**

Physical State: Solid                      Sp. Gravity: 1.0              pH: 1% sol. 11.3  
Boiling Point: N/A                          Vapour Pressure: N/A  
Vapour Density: N/A                        Evaporation Rate: N/A  
Freezing Point: N/A  
Solubility in Water: 10%  
Appearance & Odour: White granular powder.

**FIRE AND EXPLOSION DATA FOR PRODUCT**

Flash Point (Test Method): N/A  
Flammable Limits in Air, % by vol. Non-flammable Lower: N/A Upper: N/A  
Fire Extinguishing Substances: (X) Water Fog ( ) Foam ( ) CO<sub>2</sub> ( ) Dry Chem ( ) Other:  
Hazardous Combustion Products: See Hazardous Decomposition Products.

Special Firefighting Procedures: N/A

**REACTIVITY DATA FOR PRODUCT**

Incompatibility: ( ) Water ( ) Oxidizing Material ( ) Acid ( ) Base  
(X) Other: Flammable hydrogen may be produced on prolonged contact with metals such as  
aluminum, tin, lead and zinc.  
Hazardous Decomposition Products: May liberate carbon monoxide, carbon dioxide and oxides of sodium  
on combustion.

Chemical Stability: Stable.

\*N/A - Not applicable.

Product Name: **D-STAIN (D-STAIN)**

**HEALTH HAZARD INFORMATION FOR PRODUCT**

**EMERGENCY and FIRST AID PROCEDURES**

Inhalation: Remove to fresh air and get medical attention.

Ingestion: Get medical help immediately. Give patient large quantities of water or milk to drink to dilute the chemical. Do not induce vomiting.

Eyes: Flush thoroughly with water for at least 15 minutes. Get medical attention.

Skin: Remove contaminated clothing immediately and flush with water.

**EFFECTS OF OVEREXPOSURE (Acute and Chronic)**

Inhalation: May cause irritation of respiratory tract and inflammation of the lungs.

Ingestion: Burning in mouth and esophagus, nausea, abdominal pain and diarrhea.

Eyes: Causes severe irritation to the mucous membranes of the eyes.

Skin: Will cause irritation. May cause burns and dermatitis.

**PREVENTIVE MEASURES**

Steps to be taken upon release or spillage (including neutralizing):

With large spills, dyke for later disposal. Minor spills can be washed away with plenty of water.

Waste disposal method:

Neutralize with dilute acid and landfill solids according to local, provincial and federal regulations.

Handling and Storage Requirements:

Store in cool, dry area away from acids. Prolonged storage may cause product to cake and become wet from atmospheric moisture.

Ventilation Requirements (Local or General):

Use under well ventilated area.

Respiratory Protection:

A dust mask should be worn where dust occurs.

Eye Protection:

Safety glasses with sideshield.

Other Protection:

Rubber gloves and coveralls should be worn to prevent contact with skin and clothing.