

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined
N/A=Not Applicable

Product: Browning Treatment

Manufacturer: ESTEAM

Flammability: 0

Chem. Name: N/A

Trade Name: Browning Treatment

Reactivity: 0

Chem. Family: Mixture

Use: Carpet & upholstery browning treatment

Health: 1

Protection:

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

HAZARDOUS INGREDIENTS

CAS #

% WT

HAZARD DATA

EXPOSURE LIMITS (TLV)

Sodium Metabisulfite

7681-57-4

1-5

LD50 1540 mg/kg (oral-rat)

5 mg/m³

PHYSICAL DATA

Physical State: Liquid

Boiling Point (C): 100

Solubility in Water: 100 %

Evaporation Rate: N/D

Freeze/Thaw Stable: Yes

Odor/Appearance: Clear, strong sulfur odor

Freezing Point (C): 0

Ph (undiluted): 3-4.5

Specific Gravity: 1

Percent Volatile (vol): N/D

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction: N/A

Special Procedures: N/A

Explosion Sensitivity to Impact: N/A

Chemical Sensitivity to Static Discharge: N/A

Flashpoint (C) & Method: None

Conditions: N/A

Hazardous Combustion Products: N/A

Upper Explosion Limit (% by vol): N/A

Lower Explosion Limit (% by vol): N/A

Auto-ignition: N/A

Rate of Burning: N/A

Explosive Power: N/A

TDG/WHMIS: Non hazardous / D2B

REACTIVITY DATA

Chemical Stability: Stable

Hazardous Decomposition Product: None

Incompatible Substances: None

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact: N
Route of Entry - Skin Absorption: N
Route of Entry - Eye Contact: Y
Route of Entry - Inhalation: N
Route of Entry - Ingestion: Y

Reproductive Effects Y/N: N
Carcinogenicity Y/N: N
Mutagenicity Y/N: N
Teratogenicity Y/N: N/D
TLV: N/D

Effects of Overexposure:

Acute Effects:

May cause irritation if inhaled, or on eye or skin contact. Ingestion may lead to irritation of the mucous membranes of throat and mouth. Nausea, abdominal pain, vomiting, diarrhea and headache may result.

Chronic Effects:

Repeated liquid contact may cause defatting of the skin resulting in dermatitis.

PREVENTATIVE MEASURES

Gloves: N/A

Footwear: N/A

Clothing: N/A

Eyes: Safety glasses

Respirator: N/A

Other: N/A

Recommended Engineered Controls:

Use with adequate ventilation.

Leak & Spill Procedures:

Flush to a sanitary sewer with water.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Store in a cool, dry place.

FIRST AID MEASURES

Inhalation: Move person to fresh air. If necessary give artificial respiration or oxygen. Call doctor if in distress.

Ingestion: Contact a physician. If person is conscious, rinse mouth with water.

Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Call a physician.

Skin Contact: Immediately flush skin with running water for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

Prep./Revised Date: January 8, 2010

Prepared By: R. Russell

Source Material: Manufacturer's MSDS

Emergency Response: 1-613-996-6666 (Transport Emergencies)

Mailing Address: Esteam Manufacturing Ltd.
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This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.