

MATERIAL SAFETY DATA SHEET

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Valid: Nov. 2011 - Nov. 2013

PRODUCT NAME: I-8 BLEACH **CODE: L-511**
OTHER NAME: LD270-8
DISTRIBUTED BY:

WHMIS CLASSIFICATION: C; E
TDG CLASSIFICATION: .Not Regulated

HAZARDOUS INGREDIENTS	%WT/WT	CAS NO.	TOXICITY DATA (LD₅₀ & LC₅₀)
Sodium Dichloroisocyanurate Dihydrate (providing 8% available chlorine)	10-30	51580-86-0	LD ₅₀ Oral (rat) 735 mg/kg LD ₅₀ Dermal (rabbit) > 2 g/kg

PHYSICAL DATA FOR PRODUCT

Physical State: White Solid Sp. Gravity: Not Avail. pH: 1% Sol. 6-6.5
Boiling Point: N/A Vapour Pressure: N/A
Vapour Density: N/A Evaporation Rate: N/A
Freezing Point: N/A
Solubility in Water: 29 %
Appearance & Odour: White granular powder with chlorine odour.

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: () Water Fog () Foam (X) CO₂
(X) Dry Chem () Other: Water should only be used in flooding amounts.
Hazardous Combustion Products: When heated to decomposition, emits carbon monoxide and chlorine fumes.

Special Firefighting Procedures: Wear suitable protective clothing and self-contained breathing apparatus.

REACTIVITY DATA FOR PRODUCT

Incompatibility: () Water (X) Oxidizing Material (X) Acid (X) Base
() Other: Should not be mixed with reducing agents, ammonia, ammonium compounds, amines, oil and grease.

Hazardous Decomposition Products: Carbon dioxide, nitrogen trichloride, chlorine and cyanic acid.

Chemical Stability: Stable at temperatures under 250°C

*N/A - Not applicable.

Product Name: **I-8 BLEACH (LB270-8)**

HEALTH HAZARD INFORMATION FOR PRODUCT
EMERGENCY and FIRST AID PROCEDURES

Inhalation: Get fresh air. Call a physician.

Ingestion: Immediately drink large quantities of water. Do not induce vomiting. Get medical attention.

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

Skin: Flush thoroughly with cold water.

EFFECTS OF OVEREXPOSURE (Acute and Chronic)

Inhalation: Severe irritation to respiratory tract.

Ingestion: May cause severe throat and gastrointestinal irritation.

Eyes: May cause severe irritation and possibly burns.

Skin: May cause irritation.

PREVENTIVE MEASURES

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

Minor spills should be washed down with lots of water and flushed to sewer.

Waste disposal method:

Discard to licensed dump in area free of organic matter, rubbish, etc. Cover with soil.
Follow local, provincial and federal regulations.

Handling and Storage Requirements:

Store in cool, dry place away from nitrogen containing compounds and other organic materials. Keep in tightly closed container. Protect from moisture.

Ventilation Requirements (Local or General):

Use in well ventilated area.

Respiratory Protection:

A dust mask should be worn.

Eye Protection:

Chemical Workers goggles.

Other Protection:

Gloves and coveralls should be worn.