

M A T E R I A L S A F E T Y D A T A S H E E T=====
Section I Material Identification and UseMaterial Name.....**SANI 12 BLEACH**

Pin #.....1791

Product Use.....As name suggests

WHMIS Classification.....E, D2

Manufacture.....Chemtech International Inc., 2460 Shell Road

Richmond, BC V6X 2P1

Tel. (604) 270 3320 Fax. (604) 270 3452

24 Hr. (604) 271 7586

Distributed By.....Name: _____

Street: _____

City & Province: _____

Postal Code: _____

Telephone #: _____
=====Section II Hazardous Ingredients

Hazardous Ingredient | Approx. % | CAS # | LD50 (species/route)

Sodium Hypochlorite | 10-30 | 8681-52-9|

Sodium Hydroxide | 1-5 | 1310-73-2|

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Section III Physical Data and Properties

Physical State.....Liquid

Odour and Appearance.....Chlorine odour, clear yellow liquid

Odour Threshold.....N/A

Specific Gravity.....1.170

Boiling Point.....Not applicable

Freezing Point.....-25 C.

Solubility In H₂O.....Complete

pH (Undiluted).....12.2

Vapour Pressure (mm Hg)...17.5 mmHG at 20 C.

Vapour Density (Air = 1)..N/A

Evaporation Rate.....N/A

Coeff. Water/Oil Dist.....N/A
=====Section IV Fire & Explosion Hazard

Flammability.....No

Means of Extinction.....Use media appropriate to primary fire cause

Upper Flammable Limit.....N/A

Lower Flammable Limit.....N/A

Flashpoint.....None

Autoignition Temperature..N/A

Hazardous Combustion Prod.None

Sensitivity to Impact.....Stable

Sensitivity to StaticStable
=====Section V Reactivity Data

Chemical Stability.....No, decomposition by heat or sunlight (+40 C.).

Chemtech International MSD Sheet Continued

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Incompatibilities.....Acids, ammonia, metals, oxidizable materials.
Reactivity.....May release chlorine when heated or in contact with incompatibles.
Decomposition Products...Oxygen, chlorine
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Section VI Toxicological Properties of Material

Skin Contact.....Will degrease skin. Irritation.
Inhalation.....May cause nausea, mists will burn respiratory tract. Coughing and pulmonary edema.
Skin Absorption.....None
Eye Contact.....Will severely burn eye.
Ingestion.....Will cause severe burns to throat and mouth. Abdominal pain, nausea and shock.
Chronic Effects.....None
Sensitization.....None
Carcinogenicity.....None
Reproductive Effects.....None
Teratogenicity.....None
Mutagenicity.....None
Exposure Limits.....None, Chlorine TLV = 1ppm Synergistic Materials....None

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Section VII Preventive Measures

Gloves.....Neoprene rubber
Eye.....Chemical safety goggles
Respiratory.....Chlorine cartridge
Other.....Face shield recommended
Engineering Controls.....Use in a ventilated area
Leak & Spill Procedure...Pick up material with an inert absorbent, then wash area well with water. Dispose of material in an approved manor. Follow all local regulations and bylaws.
Waste Disposal.....Follow all local regulations
Handling Procedures.....None
Storage Requirements.....Do not freeze
Shipping Information.....Consult TDG rules and regulations
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Section VIII First Aid Measures

In case of overexposure by...
Skin.....Rinse with water for 15 minutes, see a doctor if irritation persists.
Eyes.....Rinse with water for 15 minutes, see a doctor.
Ingestion.....DO NOT INDUCE VOMITTING. Administer egg whites, milk gelatine or water, seek immediate medical aid.
Inhalation.....Remove victim from area, see doctor if nausea persists. If vapours inhaled see a doctor.
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Section IX Preparation Date of MSDS

Prepared By.....Chemtech International Inc., Research and Development Department
Telephone No.....(604) 270 3320 between 7:30 AM & 4:00 PM Pacific
Date.....Updated 10/30/2015
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