

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 Use

Material Name.....**6% LIQUID DOMESTIC 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 #: _____

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Section II - Hazardous Ingredients

Hazardous Ingredient	Approx. %	CAS #	LD50 (species/route)
Sodium Hypochlorite	3-7	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

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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

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Section V - Reactivity Data

Chemical Stability.....No, decomposition by heat or sunlight (+40°C.).
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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 by-laws.
Waste Disposal.....Follow all local regulations
Handling Procedures.....None
Storage Requirements....Do not freeze, do not expose to excessive heat
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 28/09/2016

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