

## M A T E R I A L S A F E T Y D A T A S H E E T

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 Material Identification and Use

Material Name **Industrial Extra Strength Ammonia**

Pin #.....None

Product Use.....Cleaning and degreasing.

WHMIS Classification.....E, D2

Manufacture.....Chemtech International Inc., 100 -14351 Burrows

Road, Richmond, B.C., V6V 1K9,

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)
Ammonium Hydroxide	15-40	7664-541-7	Rat:Oral 350 Mg./Kg.

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 Section III Physical Data and Properties

Physical State.....Liquid

Odour and Appearance.....Water white liquid, ammonia odour

Odour Threshold.....N/A

Specific Gravity.....0.950

Boiling Point.....90 Deg. C.

Freezing Point.....N/A

Solubility In H2O.....Complete

pH (Undiluted).....N/A

Vapour Pressure (mm Hg)...N/A

Vapour Density (Air = 1)..0.60

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 Static ....Stable

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 Section V

Reactivity Data

Chemical Stability.....Stable

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Incompatibilities.....Acids, light metals, oxidizing agent  
Reactivity.....None  
Decomposition Products...None  
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Section VI Toxicological Properties of Material

Skin Contact.....Will irritate skin.  
Inhalation.....May cause nausea, mists will burn respiratory tract  
Skin Absorption.....None  
Eye Contact.....Will severely burn eye.  
Ingestion.....Will cause severe burns to throat and mouth.  
Chronic Effects.....None  
Sensitization.....None  
Carcinogenicity.....None  
Reproductive Effects.....None  
Teratogenicity.....None  
Mutagenicity.....None  
Exposure Limits.....TCLO=408 ppm  
Synergistic Materials....None

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Section VII

Preventive Measures

Gloves.....Neoprene rubber  
Eye.....Chemical safety goggles  
Respiratory.....None, avoid breathing mist.  
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 gelatin or water, seek immediate  
medical aid.

Inhalation.....Remove victim from area, see doctor if nausea  
persists. If vapors 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 1/27/2016



E N D O F M S D S