

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.....**PINE CLEANER DETERGENT**

Pin #.....None

Product Use.....Cleaning and degreasing.

WHMIS Classification.....D2

Manufacture.....Chemtech International Inc.,2460 Shell Road  
Richmond, BC. Tel. (604) 270 3320 Fax. (604) 270 3452  
24 Hr. (604) 271 7586

Distributed By.....Name: \_\_\_\_\_

Street: \_\_\_\_\_

City &amp; Province: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Telephone #: \_\_\_\_\_

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Section IIHazardous Ingredients

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

Pine Oil - Turpene Alcohol | 7-13 | un 1272 |

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Section III Physical Data and Properties

Physical State.....Liquid

Odour and Appearance.....Pine odour, orange liquid

Odour Threshold.....N/A

Specific Gravity.....1.040

Boiling Point.....100 Deg. C.

Freezing Point.....0 Deg. C.

Solubility In H2O.....Complete

pH (Undiluted).....10.2

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

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 Static ....Stable

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Section V Reactivity Data

Chemical Stability.....Stable

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Incompatibilities.....None  
Reactivity.....None  
Decomposition Products...None  
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Section VI Toxicological Properties of Material

Skin Contact.....Will degrease skin.  
Inhalation.....May cause nausea, mists will burn respiratory tract.  
Skin Absorption.....None  
Eye Contact.....Will severely burn eye.  
Ingestion.....Will cause burns to throat and mouth.  
Chronic Effects.....None  
Sensitization.....None  
Carcinogenicity.....None  
Reproductive Effects.....None  
Teratogenicity.....None  
Mutagenicity.....None  
Exposure Limits.....None  
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 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 10/28/2015  
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