

### DESCRIPTION

**Intern®** is a pine scented all purpose liquid spray and wipe cleaner with 1,001 uses in hospitals, schools, offices and in all other commercial or industrial buildings. **Intern®** contains a quaternary active and cleans and deodorizes many surfaces such as walls, countertops, bathtubs, toilets, sinks, garbage cans, floors and diaper pails.

**Intern®** also cleans tough soils such as ink, crayon, lipstick, smoke damage, tar and pitch deposits, oil stains (including those on concrete), animal, vegetable and mineral soils.

### DIRECTIONS

***To spot clean heavily soiled and smoke damaged surfaces:***

Spray full strength and wipe off. Let stubborn spots soak for a few minutes before wiping off.

***For large surfaces such as walls, stainless steel, glass, plastics, laminates, vinyl, porcelain, slate or fiberglass:***

Use 13 oz per gallon of water (100 ml/litre) (1:10).

***To clean floors:***

Use 1.6 oz per gallon of water (12.5 ml/litre) (1:80) for wet mopping or auto scrubbing.

***Carpet traffic lane pre-spray for oil and stain removal:***

Use 6.5 oz per gallon of water (50 ml/litre) (1:20) and apply with a garden type pump sprayer.

### PHYSICAL DATA

Appearance	Clear liquid
Color	Blue
Foam	Moderate
Odor	Pine
pH	11.0 - 12.0

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **INTERN**

WHMIS CODE: D2B

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

### HMIS

3	Health
0	Flammability
0	Reactivity
B	Personal

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### EMERGENCY PHONE

Canada: Canutec 613-996-6666

U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves  
C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
<b>ETHYLENE GLYCOL MONO BUTYL ETHER</b> Exposure limit skin: 25 ppm The above item is reported per 40 CFR 372, Section 313 of Emergency Planning and Community Right to Know Act of 1986.	111-76-2	5.0-10.0	N/D	25 ppm TWA
LD50 1746 mg/kg LD50 (Rabbit) 436 ml/kg LC50, 7hr. (Mouse) 700 ppm				
<b>ALCOHOL ETHOXYLATE</b>	68439-46-3	1.0-5.0	N/A	N/A
LD50 (oral rat) 1376 mg/kg LD50 (dermal rabbit) >2 g/kg				
<b>TRI SODIUM PHOSPHATE</b>	7601-54-9	1.0 - 5.0	N/D	N/D
LD50 (oral rat) 1153 mg/kg LD50 (dermal) No Data LC50 No Data				

## SECTION 3 – PHYSICAL DATA

<b>Color and Odor:</b> Blue, pine scent. <b>Physical State:</b> Liquid. <b>Coeff. Water/Oil Dist:</b> Greater than 1.0	<b>Boiling Point:</b> N/D <b>Melting Point:</b> N/A <b>Evaporation Rate:</b> N/D	<b>Vapor Pressure (mm HG):</b> N/D <b>Vapor Density:</b> N/D <b>Solubility in Water:</b> Soluble	<b>pH:</b> 13.0 +/- 0.5 <b>Specific Gravity:</b> 1.015 @ 20°C <b>Odor Threshold:</b> No Data
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## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point and Method:</b> None to 100°C (TCC) <b>Flammable Limits:</b> None known. <b>Conditions of Flammability:</b> None. <b>Unusual Fire and Explosion Hazards:</b> None known.	<b>Sensitivity to Mechanical Impact:</b> None. <b>Sensitivity to Static Discharge:</b> None.	<b>Extinguishing Media:</b> Not flammable. <b>Auto ignition Temperature:</b> None known.
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**Hazardous Combustion Products:** Oxides of carbon, phosphorous, nitrogen, amines, and ammonia vapors may be liberated upon thermal decomposition.  
**Special Fire Fighting:** Wear full protective equipment, including a NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

<b>Chemical Stability:</b> Stable under normal storage conditions. <b>Incompatibility (material to avoid):</b> Strong oxidizers and acids. <b>Hazardous Decomposition Products:</b> Oxides of carbon, phosphorous, nitrogen, amines, and ammonia vapors may be liberated upon thermal decomposition.	<b>Hazardous Polymerization:</b> Will not occur.
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## SECTION 6 – TOXICOLOGICAL DATA

<b>Exposure Limits:</b> See Section 2 under Hazardous Ingredient. <b>Irritation of Product:</b> Corrosive to skin, eyes and respiratory system. <b>Sensitization:</b> None known. <b>Name of Toxicological Synergistic Product:</b> None known. <b>Teratogenicity:</b> None known.	<b>Routes of Entry:</b> Skin, eyes, inhalation. <b>Carcinogenicity:</b> None known. <b>Mutagenicity:</b> None known. <b>Reproductive Toxicity:</b> None known.
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**Effects of Chronic Exposure:** Prolonged or repeated exposure may cause skin irritation or dermatitis, respiratory disorder and may also cause blood disorders through skin absorption of ethylene glycol mono butyl ether (based on animal test data).  
**Effects of Acute Exposure to Product:** Product exposure may irritate or burn skin and eyes. Prolonged inhalation of vapors or mists may cause breathing problems, headaches, and nausea. Also, may be harmful if absorbed through skin. Ingestion may cause gastro-intestinal and abdominal discomfort, and symptoms similar to inhalation.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

<b>Respiratory Protection:</b> If product is misted or sprayed, or used in a confined area, use a NIOSH/MSHA approved dust/mist respirator. <b>Ventilation:</b> Good general ventilation or local exhaust ventilation for spraying and misting in confined areas. <b>Protective Gloves:</b> Natural or butyl rubber, nitrile or neoprene gloves. <b>Eye Protection:</b> Chemical goggles, safety goggles or face shield. <b>Protective Clothing and Equipment:</b> Long sleeve coveralls. Eye wash recommended in the immediate work area. <b>Storage and Handling Procedures:</b> Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing. <b>Disposal Procedures for Spills or Leaks:</b> Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters. <b>Waste Disposal Method:</b> Reuse if possible, or otherwise dispose recovered material in accordance with all local, Provincial or Federal Regulations. <b>Special Shipping Information:</b> Store at temperatures below 30°C (86°F) and keep from freezing.	
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## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

<b>First Aid:</b> If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.	
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## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division      PHONE: 604-526-5655      LAST UPDATE: Dec. 24, 2014  
 THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE