

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: #3 GLASS CLEANER
 PRODUCT NUMBER: 02203
 PRODUCT USE: Concentrated glass cleaner

PRODUCT I.D. NUMBER (PIN): N.A.
 WHMIS CLASS: B3; D2B
 DOT HAZARD CLASS:
 Non-Regulated

H.M.I.S.

1	HEALTH	HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
2	FIRE	
0	REACTIVITY	
B	MAXIMUM PERSONAL PROTECTION	

COMPANY:
 ESSENTIAL INDUSTRIES, INC.
 P.O. BOX 12
 MERTON, WI 530560012

DOT SHIPPING NAME:
 N.A.

EMERGENCY PHONE: 800-843-6174

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

ABBREVIATION KEY: N.A. = Not Applicable, N.E. = Not Established, N.D. = Not Determined

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50	LC50
Water	7732-18-5	40-70	N.E.	N.E.	N.D.	N.D.
n-Propoxypropanol	1569-01-3	10-30	N.E.	N.E.	N.D.	N.D.
Isopropanol	67-63-0	5-10	400ppm	400ppm	5.8g/kg	N.D.
1-Methoxy-2-propanol	107-98-2	7-13	100ppm	100ppm	6.6ml/kg	N.D.
Sodium lauryl ether sulfate	9004-82-4	1-5	N.E.	N.E.	N.D.	N.D.

This mixture does not contain components which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

SECTION 3 - PHYSICAL DATA

Color and Odor: Dark Blue - Alcohol	Boiling Point: 212°F 100°C	Vapor Pressure (mm HG): <30	pH: 8.0 - 8.8 (1% pH 7.5)
Physical State: Liquid	Freezing Point: 32°F 0°C	Vapor Density (Air=1): <1	Specific Gravity: 0.98
Odor Threshold: N.E.	Water/Oil Distribution: N.E.	Evaporation Rate (Water=1): N.E.	Solubility in Water: Complete

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: 101°F 38°C (C.C.)	Autoignition Temperature: N.A.	Extinguishing Media: Use media proper to the primary cause of fire.
Flammable Limits: Combustible liquid.	LEL: N.E. UEL: N.E.	Special Fire Fighting Procedures: Use proper protective equipment.
Hazardous Combustion Products: N.A.		Unusual Fire and Explosion Hazards: Avoid sources of ignition.

SECTION 5 - REACTIVITY DATA

Chemical Stability: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hazardous Decomposition of By-Products: None known
Incompatibility (Materials to Avoid): Strong oxidizers and sources of ignition.	Hazardous Polymerization: May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>

SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion, Inhalation, Skin, Eyes	Toxicologically Synergistic Products: None known
Sensitization: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Medical Conditions Aggravated by Exposure: None known
Carcinogenicity: None	Teratogenicity: None
	Mutagenicity: None
	Reproductive Toxicity: None

EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):

Eyes: May cause irritation.
 Skin: May cause mild irritation. May be absorbed through skin with prolonged or repeated contact.
 Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.
 Inhalation: Exposure in poorly ventilated area may cause respiratory irritation.

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate room ventilation.	Ventilation: Local Exhaust: <u>Acceptable</u> Mechanical: <u>Recommended</u>
Protective Gloves: Rubber for prolonged or repeated contact.	Eye Protection: Safety glasses if splashing is likely.
Protective Clothing and Equipment: As needed to prevent wetting of skin.	Work and Hygienic Practices: Wash thoroughly after use.
Storage Requirements: Store in cool, dry area away from sources of ignition. Empty container retains vapor and product residue; do not cut, puncture or weld on or near container.	Other Requirements: Keep out of the reach of children.

Steps To Be Taken If Material Is Spilled Or Released: Collect and reuse if possible. Ventilate area and remove all sources of ignition. Collect on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.
 Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

FIRST AID - NOTES TO PHYSICIAN:

Eyes: Flush with a large amount of water for 15 minutes holding eyelids open.
 Skin: Wash with mild soap and water.
 Ingestion: Give 2-3 large glasses of water. Seek medical attention.
 Inhalation: Remove to fresh air and rest. In all cases if symptoms persist, seek medical attention.

SECTION 9 - PREPARATION INFORMATION