

MATERIAL SAFETY DATA SHEET

31793

Pg 1 of 3

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: EXTRACTION CLEANER  
 PRODUCT NUMBER: 0007  
 PRODUCT USE: Water soluble shampoo for steam-massage capsling  
 COMPANY: ESSENTRAL INDUSTRIES, INC.  
 P.O. BOX 12  
 MERTON WA 93085  
 EMERGENCY PHONE: 800-943-6174

PRODUCT I.D. NUMBER (PIN): N.A.  
 WHSES CLASS: D2B  
 DOT HAZARD CLASS: Non-Hazardous  
 DOT SHIPPING NAME: N.A.

H.M.L.S.

1	HEALTH	HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Significant 0 = Insignificant
0	FLAME	
0	REACTIVITY	
0	MAXIMUM PERSONAL PROTECTION	

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	7732-18-6	80-100	N.E.	N.E.	N.D.	N.D.
2-Butoxyethanol	111-76-2	8	25ppm	25ppm	400mg/kg	700ppm 7h
Sodium sulfate anhydrous	1305-73-7	1-6	N.E.	N.E.	N.D.	N.D.
Regulatory generic surfactants	N.A.	7-13	N.E.	N.E.	N.D.	N.D.

This mixture contains 8% 2-Butoxyethanol which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 49 CFR, Part 372.

SECTION 3 - PHYSICAL DATA

Color and Odor: Amber - Citrus  
 Physical State: Liquid  
 Odor Threshold: N.A.  
 Boiling Point: 212°F 100°C  
 Freezing Point: 32°F 0°C  
 Water/Oil Distribution: N.A.  
 Vapor Pressure (mm Hg): <50  
 Vapor Density (Air=1): <1  
 Evaporation Rate (Water=0.3): <0.4  
 pH: 8.5  
 Specific Gravity: 1.0  
 Solubility in Water: Complete

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A.  
 Flammable Limits: N.A.  
 Non-oxidative Combustion Products: N.A.  
 Autoignition Temperature: N.A.  
 LEL: N.A. UEL: N.A.  
 Extinguishing Media: Use media proper to the primary cause of fire.  
 Special Fire Fighting Procedures: None  
 Unusual Fire and Explosion Hazards: None

SECTION 5 - REACTIVITY DATA

Chemical Stability: Yes  No   
 Incompatibility (Materials to Avoid): None known  
 Hazardous Decomposition of By-Products: None known  
 Hazardous Polymerization: May Occur  Will Not Occur

SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion, Inhalation, Skin, Eyes  
 Sensitization: Yes  No   
 Carcinogenicity: None  
 Teratogenicity: None  
 Mutagenicity: None  
 Reproductive Toxicity: None  
 Toxicologically Synergistic Products: None known  
 Medical Conditions Aggravated by Exposure: None known

EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):

Eyes: Direct contact may cause irritation.  
 Skin: Prolonged or repeated contact may cause irritation. May be absorbed through skin with prolonged or repeated contact.  
 Ingestion: May cause gastrointestinal irritation, nausea, dizziness.  
 Inhalation: Exposure in poorly ventilated area may irritate nasal mucous membranes.

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate room ventilation.  
 Protective Gloves: Rubber for prolonged exposure.  
 Protective Clothing and Equipment: As needed to prevent wetting of skin.  
 Storage Requirements: Store in cool, dry area. Follow good housekeeping practices.  
 Ventilation: Local Exhaust: Acceptable, Mechanical: Recommended  
 Eye Protection: Safety glasses if splashing is likely.  
 Work and Hygiene Practices: Wash thoroughly after use.  
 Other Requirements: Keep out of the reach of children.

Steps to Be Taken if Material is Spilled or Released: Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb 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.

SECTION 9 - PREPARATION INFORMATION

Prepared By: Regulatory Affairs Department

Phone: 414-538-1122

LEWIS COUNTY CHEMICAL  
 P.O. BOX 901  
 223 N.W. CHEHALIS AVE.  
 CHEHALIS, WA 98532  
 (206) 748-0336

31793

# MATERIAL SAFETY DATA SHEET

31793

Pg 2  
of 3

## SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: EXTRACTION CLEANER

PRODUCT I.D. NUMBER (PIN): N.A.

H.M.L.S.

PRODUCT NUMBER: 00307

WHMIS CLASS: 02B

PRODUCT USE: Water soluble shampoo for steam-mop cleaning carpeting

DOT HAZARD CLASS:  
Non-Hazardous

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

COMPANY:

DOT SHIPPING NAME:  
N.A.

ESSENTIAL INDUSTRIES, INC.

P.O. BOX 13

MERTON WA 93085

EMERGENCY PHONE: 800-943-0174

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	7732-18-6	80-100	N.E.	N.E.	N.D.	N.D.
2-Butoxyethanol	111-76-3	8	25ppm	2ppm	480mg/kg	700µgm/7h
Sodium sulfate anhydrous	1300-78-7	1-6	N.E.	N.E.	N.D.	N.D.
Respiratory irritant surfactants	N.A.	7-13	N.E.	N.E.	N.D.	N.D.

This mixture contains 8% 2-Butoxyethanol which is 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: Amber - Citrus	Boiling Point: 212°F 100°C	Vapor Pressure (mm Hg): <50	pH: 8.5
Physical State: Liquid	Freezing Point: 32°F 0°C	Vapor Density (Air=1): <1	Specific Gravity: 1.0
Odor Threshold: N.A.	Water/Oil Distribution: N.A.	Evaporation Rate (Water=0.3): <0.4	Solubility in Water: Complete

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A.	Autoignition Temperature: N.A.	Extinguishing Media: Use media proper to the primary cause of fire.
Flammable Limits: N.A.	LEL: N.A. UEL: N.A.	Special Fire Fighting Procedures: None
Hazardous Combustion Products: N.A.		Unusual Fire and Explosion Hazards: None

## 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): None known	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
Sensitizer: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Medical Conditions Aggravated by Exposure: None known
Carcinogenicity: None	Mutagenicity: None
Teratogenicity: None	Reproductive Toxicity: None

### EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):

**Eyes:** Direct contact may cause irritation.  
**Skin:** Prolonged or repeated contact may cause 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 irritate nasal mucous membranes.

## 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 exposure.	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. Follow good housekeeping practices.	Other Requirements: Keep out of the reach of children.

**Steps To Be Taken if Material is Spilled Or Released:** Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb 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.

## SECTION 9 - PREPARATION INFORMATION

Prepared By: Regulatory Affairs Department

Phone: 414-538-1122

**LEWIS COUNTY CHEMICAL**  
Div. of Regulated Industries, 1993  
 P.O. BOX 901  
 223 N.W. CHEHALIS AVE.  
 CHEHALIS, WA 98532  
 (206) 748-0336

LCC Revive

**MATERIAL SAFETY DATA SHEET**

**SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY**

PRODUCT NAME: EXTRACTION CLEANER  
 PRODUCT NUMBER: 60307  
 PRODUCT USE: Water-soluble shampoo for stain-resistant carpeting  
 COMPANY: ESSENTIAL INDUSTRIES, INC.  
 P.O. BOX 12  
 MERTON WI 53056  
 EMERGENCY PHONE: 000-843-8174

PRODUCT I.D. NUMBER (PIN): N.A.  
 WHMIS CLASS: 02B  
 DOT HAZARD CLASS: Non-Hazardous  
 DOT SHIPPING NAME: N.A.

#31793

H.M.I.S.

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

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	60-100	N.E.	N.E.	N.D.	N.D.
2-Butoxyethanol	111-78-3	8	25ppm	20ppm	450mg/kg	700ppm/7h
Sodium xylene sulfonate	1300-72-7	1-5	N.E.	N.E.	N.D.	N.D.
Proprietary anionic surfactants	N.A.	7-13	N.E.	N.E.	N.D.	N.D.

This mixture contains 8% 2-Butoxyethanol which is 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: Amber - Citrus  
 Physical State: Liquid  
 Odor Threshold: N.A.  
 Boiling Point: 212°F 100°C  
 Freezing Point: 32°F 0°C  
 Water/Oil Distribution: N.A.  
 Vapor Pressure (mm HG): <50  
 Vapor Density (Air=1): <1  
 Evaporation Rate (Water=0.3): <0.4  
 pH: 6.5  
 Specific Gravity: 1.0  
 Solubility in Water: Complete

**SECTION 4 - FIRE AND EXPLOSION HAZARD DATA**

Flash Point and Method: N.A.  
 Flammable Limits: N.A.  
 Hazardous Combustion Products: N.A.  
 Autoignition Temperature: N.A.  
 LEL: N.A. UEL: N.A.  
 Extinguishing Media: Use media proper to the primary cause of fire.  
 Special Fire Fighting Procedures: None  
 Unusual Fire and Explosion Hazards: None

**SECTION 5 - REACTIVITY DATA**

Chemical Stability: Yes  No   
 Incompatibility (Materials to Avoid): None known  
 Hazardous Decomposition of By-Products: None known  
 Hazardous Polymerization: May Occur  Will Not Occur

**SECTION 6 - TOXICOLOGICAL PROPERTIES**

Routes of Entry: Ingestion, Inhalation, Skin, Eyes  
 Sensitization: Yes  No   
 Carcinogenicity: None  
 Teratogenicity: None  
 Mutagenicity: None  
 Reproductive Toxicity: None  
 Toxicologically Synergistic Products: None known  
 Medical Conditions Aggravated by Exposure: None known

**EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):**

Eyes: Direct contact may cause irritation.  
 Skin: Prolonged or repeated contact may cause 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 irritate nasal mucous membranes.

**SECTION 7 - PREVENTATIVE AND CONTROL MEASURES**

Respiratory Protection: None normally required with adequate room ventilation.  
 Protective Gloves: Rubber for prolonged exposure.  
 Protective Clothing and Equipment: As needed to prevent wetting of skin.  
 Storage Requirements: Store in cool, dry area. Follow good housekeeping practices.  
 Ventilation: Local Exhaust: Acceptable Mechanical: Recommended  
 Eye Protection: Safety glasses if splashing is likely.  
 Work and Hygienic Practices: Wash thoroughly after use.  
 Other Requirements: Keep out of the reach of children.

Steps To Be Taken if Material is Spilled Or Released: Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb 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.

**SECTION 9 - PREPARATION INFORMATION**

Prepared By: Regulatory Affairs Department  
 Phone: 414-538-1122  
 Date of Preparation: December, 1993