Solubility in Water: Complete

IAIN	VIERIAL	SAFEIY	DATA	SHE	El
SECTION	1 - PROD	UCT/MANUI	FACTUR	ER'S	IDENTITY

PRODUCT NAME: CLEAN IN ShiNE

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

WHMIS CLASS: D2B

RRODUCT NUMBER: 06141

"NUCT USE: Industrial automotive cleaner

DOT HAZARD CLASS:

Non-Hazardous

COMPANY:

LEWIS COUNTY CHEMICAL

DOT SHIPPING NAME:

P.O. BOX 901 223 NW CHEHALIS AVE. 1 CHEHALIS, WA 98532

#31197

EMERGENCY PHONE: (206) 748-0336

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

H.M.I.S.

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

	ABBREVIATIO	N KEY: N.A. = Not Applica	ible, N.E. = Not Establish	ed, N.D. = Not Determined			
	SECTION	1 2 - HAZARDOUS	INGREDIENTS	INFORMATION			
HAZARDOUS CHEMICAL IDENTITY	CAS NO.	<u>%</u>	PEL	TLV	LD50	LC50	
Water	7732-18-5	60-100	N.E.	N.E.	N.D.	N.D.	
TEA-Dodecyibenzene sulfonate	27323-41-7	10-30	N.E.	N.E.	N.D.	N.D.	
Sodium lauryl ether sulfate	9004-82-4	10-30	N.E.	N.E.	N.D.	N.D.	
This mixture does not contain componer 1986 and 40 CFR, Part 372.	nts which are subjec			<u> </u>	fund Amendme	ents and Reauthoriz	ation Act of
		SECTION 3	- PHYSICAL DA	TA			
Color and Odor: Amber - Citrus	Boilir	ng Point: 212°F 100°C	Vapo	r Pressure (mm HG): <	:27	pH: 8.5	
Physical State: Liquid	Free	zing Point: 32°F 0°C	Vapo	r Density (Air=1): <1		Specific Gravity: 1	1.03

OFOTION A FIDE AND EVOLOCION HATADD DA	•
SECTION A SERVE AND EXPLOSION HAZARDINA	
SECTION 4 - FIRE AND EXPLOSION HAZARD DA	

Flash Point and Method: N.A.

Flammable Limits: N.A.

Hazardous Combustion Products: N.A.

Odor Threshold: N.A.

Autoignition Temperature: N.A. LEL: N.A. UEL: N.A.

Water/Oil Distribution: N.A.

Extinguishing Media: Use media proper to the primary cause of fire.

Special Fire Fighting Procedures: None Unusual Fire and Explosion Hazards: None

Evaporation Rate (Water=0.3): <0.4

SECTION 5 - REACTIVITY DATA

Chemical Stability: Yes X No Incompatibility (Materials to Avoid): None known Hazardous Decomposition of By-Products: None known

Hazardous Polymerization: May Occur Will Not Occur X

SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion

Sensitization: Yes ___ No _X_

Toxicologically Synergistic Products: None known

Medical Conditions Aggravated by Exposure: None known

Carcinogenicity: None

Teratogenicity: None

Mutagenicity: None

Reproductive Toxicity: None

EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):

Eyes: Direct contact may cause irritation.

Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None required.

Protective Gloves: None required.

Protective Clothing and Equipment: None required.

Storage Requirements: Follow good housekeeping practices.

Ventilation: Local Exhaust: N.A. Mechanical: N.A.

Eye Protection: Avoid eye contact.

Work and Hygienic Practices: Rinse 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. Thoroughly rinse spill area to prevent slippery conditions.

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:

- s: Flush with a large amount of water for 15 minutes holding eyelids open.
- .stion: Give 2-3 large glasses of water. Seek medical attention.

SECTION 9 - PREPARATION INFORMATION

Prepared By: Regulatory Affairs Department

Phone:

Date of Preparation: December, 1993

		MATERIAL S	AFFTY DA	TA SHEET	,			
	SECT	ION 1 - PRODUC			NTIT	ry		06
PRODUCT NAME: CLEAN N		PRODUCT I.D. NUM		#,	-31	197 н	i.M.I.S.	TY.
PRODUCT NUMBER: 06141 ODUCT USE: Industrial automotive	W PTS J. cleaner	DOT HAZARD CLAS	_		0	HEALTH	HAZARO	RATING
COMPANY: LEWIS COUNTY	CHEMICA	DOT SHIPPING NAI	ME:		0	FIRE	4 = Extre 3 = High	
P.O. BOX 223 NW CHEH	901	NA.			0	REACTIVITY	2 = Mode 1 = Sligh 0 = Insig	t "
CHEHALIS, W	A 98532		•		A	MAXIMUM PERSONAL PROTECTION	1 *	,
EMERGENCY PHONE: (206) 748		TION KEY: N.A. = Not Ap	nirahia N.F. z Not F			oggles, B = Goggles & Gio	ves, C = Goggles, C	Novee &
		ON 2 - HAZARDO						
HAZARDOUS CHEMICAL IDENTITY Water TEA-Dodecylbenzene sulfonate	CAS NO. 7732-18-5 27323-41-7	<u>%</u> 60-100 10-30	PEL N.E. N.E.	TLV N.E. N.E.		<u>LD50</u> N.D. N.D.	LC50 N.D. N.D.	
Sodium lauryl ether sulfate	9004-82-4	10-30	N.E.	N.E.		N.D.	N.D.	•.:
This mixture does not contain compone 1988 and 40 CFR, Part 372.	ents which are su	bject to the reporting re	quirements of Sec	tion 313 of Title (ll of th	e Superfund Amendme	ents and Reautho	: xization
		SECTION	3 - PHYSICA	L DATA				
Color and Odor: Amber - Citrus		loiling Point: 212°F 10		Vapor Pressure	•	•	pH:: 8.5	
Physical State: Liquid Odor Threshold: N.A.		reezing Point: 32°F 0° Vater/Oil Distribution: 1		Vapor Density Evaporation Re	•): <1 ater=0.3): <0.4	Specific Gravity: Solubility in Wat	
	SEC	CTION 4 - FIRE A	ND EXPLOSI	ON HAZARD	DAT	Α		
Flash Point and Method: N.A.		utoignition Temperature	: NA	Extinguishing A	Media:	Use media proper to	the primary caus	ie of fire
Elemenable Limite: N.A.		EL NA HEL NA		Consist Fire Fi	ablica	Drocadurae: None		

	SECTION 3 - PHYS	ICAL 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): <27 Vapor Density (Air=1): <1 Evaporation Rata (Water=0.3): <0.4	pH: 8.5 Specific Gravity: 1.03 Solubility in Water: Comple			
	SECTION 4 - FIRE AND EXPLO					
Flash Point and Method: N.A. Flammable Limits: N.A. Hazardous Combustion Products: N.A.	Autolgnition Temperature: N.A. LEL: N.A. UEL: N.A.	Extinguishing Media: Use media prope Special Fire Fighting Procedures: Non- Unusual Fire and Explosion Hazards:	•			
	SECTION 5 - REACT	TVITY DATA				
Chemical Stability: Yes X No Incompatibility (Materials to Avoid): None known		•	Hazardous Decomposition of By-Products: None known Hazardous Polymerization: May Occur Will Not Occur			
	SECTION 6 - TOXICOLOGI	CAL PROPERTIES				
Routes of Entry: Ingestion Sensitization: Yes No _X		• • • •	Toxicologically Synergistic Products: None known Medical Conditions Aggravated by Exposure: None known			
Carcinogenicity: None	Teratogenicity: None.	Mutagenicity: None Repro	ductive Toxicity: None			
EFFECTS OF OVEREXPOSURE (Act	ute and/or Chronic):					

Ingestion: May cause gastrointestinal irritation, nausea, diarrhea. SECTION 7 - PREVENTATIVE AND CONTROL MEASURES Respiratory Protection: None required. Ventilation: Local Exhaust: N.A. Mechanical: N.A. Protective Gloves: None required. Eye Protection: Avoid eye contact. Work and Hygienic Practices: Rinse after use. Protective Clothing and Equipment: None required. Storage Requirements: Follow good housekeeping practices. Other Requirements: Keep out of the reach of children.

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