

MATERIAL SAFETY DATA SHEET

HMIS CODES:

H	F	R	P
1	0	0	0

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administrator
(Non-Mandatory Form)
Form Approved OMB No. 1218-0072

IDENTITY (AS USED ON LABEL AND LIST):

SURE ! WASTE EMULSIFIER**SUR**

NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name:

J.C. WHITLAM MANUFACTURING COMPANY

Emergency Telephone Number:

(330) 334 - 2524

Address (Number, Street, City, State, and ZIP Code):

200 WEST WALNUT STREET

Telephone Number for Information:

(330) 334 - 2524

P.O. BOX 380

Date Prepared: January 1, 2010

WADSWORTH, OHIO 44282-0380

Signature of Preparer (optional):

Section II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS

(SPECIFIC CHEMICAL IDENTITY: COMMON NAME(S))

OSHA
PELACGIH
TLVOTHER LIMITS
Recommended%
(optional)

D-LIMONENE [CAS#5989-27-5]

N/A

N/A

N/A

25

DIETHYLENE GLYCOL BUTYL ETHER

N/A

N/A

N/A

6

[CAS#000112-34-5]

DIETHANOLAMINE [CAS#000111-42-2]

N/A

3 ppm

N/A

2

COCAMIDE DEA [CAS#68603-42-9]

N/A

N/A

N/A

16

TETRAPOTASSIUM PYROPHOSPHATE [CAS#7320-34-5]

N/A

N/A

N/A

2

NOT HAZARDOUS FOR SHIPPING PURPOSES

Section III - Physical/Chemical Characteristics

Boiling Point:

212°F

Specific Gravity (H2O =1):

.965

Vapor Pressure (mm Hg):

0.6

Melting Point:

N/A

Vapor Density (AIR = 1):

>1

Evaporation Rate (Butyl Acetate = 1):

<1

Solubility in Water: INFINITE

Appearance and Odor: YELLOW LIQUID, CITRUS ODOR

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used):

140°F (COC)

Flammable Limits:

LEL:

1.1

UEL:

10.6

Extinguishing Media: USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

Special Fire Fighting Procedures: COMBUSTIBLE. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT HELMET, FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS AND A POSITIVE NOISH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazards: CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP WHICH COULD RESULT IN CONTAINER RUPTURE. CONTAINERS THAT ARE EXPOSED TO DIRECT FLAME SHOULD BE COOLED WITH WATER TO ELIMINATE STRUCTURAL WEAKENING OF THE CONTAINER WALL AND POSSIBLE RUPTURE.

Section V - Reactivity Data	SURE ! WASTE EMULSIFIER	SUR
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Stability:	Unstable:		Conditions to Avoid: HEAT, OPEN FLAME
	Stable:	X	

Incompatibility (Materials to Avoid): STRONG OXIDIZING AGENTS.

Hazardous Decomposition or Byproducts: OXIDES AND COMPOUNDS OF NITROGEN, CARBON DIOXIDE, CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

Hazardous Polymerization:	May Occur:		Conditions to Avoid: NONE
	Will Not Occur:	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? YES	Skin? YES	Eyes? YES	Ingestion? YES
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Health Hazards (Acute and Chronic):

Carcinogenicity:	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO
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Signs and Symptoms of Exposure: EYE CONTACT: EXTREMELY IRRITATING TO EYES. MAY CAUSE CORNEAL INJURY. SKIN CONTACT: MAY CAUSE SKIN RASH. INHALATION: MAY CAUSE MILD INTOXICATION. VAPORS IN HIGH CONCENTRATION WILL IRRITATE EYES AND UPPER RESPIRATORY SYSTEM. INGESTION: MAY CAUSE BURNS TO GASTROINTESTINAL TRACT.

Medical Conditions Generally Aggravated by Exposure: PREEXISTING SKIN, EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. IMPAIRED LIVER FUNCTIONS FROM PREEXISTING DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

Emergency and First Aid Procedures:

EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. SKIN CONTACT: WASH EXPOSED AREA THOROUGHLY WITH SOAP AND WATER. INHALATION: REMOVE VICTIM TO FRESH AIR. INGESTION: HAVE VICTIM DRINK TWO GLASSES OF WATER OR MILK TO DILUTE THE PRODUCT. DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. NOTE: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING VICTIM.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: FLUSH WITH WATER INTO RETAINING AREA OR CONTAINER. AVOID EXPOSURE TO SPARKS, FIRE OR HOT METAL.

Waste Disposal Method: INCINERATE UNDER SAFE CONDITIONS OR DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Precautions to Be Taken in Handling and Storing: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME. USE WITH ADEQUATE VENTILATION.

Other Precautions: AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

Section VIII - Control Measures

Respiratory Protection (Specify Type):USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS - AT LEAST 10 AIR CHANGES PER HOUR ARE RECOMMENDED FOR GOOD GENERAL ROOM VENTILATION. IF EXPOSURE EXCEEDS THE PEL/TLV, USE THE APPROPRIATE NIOSH-APPROVED RESPIRATOR.

Ventilation:	Local Exhaust: YES	Special: N/A
	Mechanical (General): N/A	Other: N/A

Protective Gloves: YES Eye Protection: YES

Other Protective Clothing or Equipment: EYE WASH FOUNTAINS AND SAFETY SHOWERS SHOULD BE AVAILABLE FOR USE IN AN EMERGENCY.

Work/Hygienic Practices: WASH AFTER USE. WASH CONTAMINATED CLOTHING BEFORE REUSE.