

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: R-1420 Super Surfactant

PRODUCT DESCRIPTION: LIQUID DETERGENT

DATE PREPARED: March 1, 2010

LAST REVIEWED DATE

SUPPLIER NAME AND ADDRESS:



2513 Warfield Rd.

Ft. Worth, TX 76106

SUPPLIER PHONE: (817) 625-4213

EMERGENCY PHONE CHEM-TEL, INC. (800) 255-3924 (24 HOURS)

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	WT. %	OSHA PEL	ACGIH TLV	CAS REGISTRY#
ALKYLPHENOL ETHOXYLATE	40-60	N/E	N/E	9016-45-9
BUTOXYETHANOL	30-50	50 PPM	20 PPM	111-76-2

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

SKIN, EYES, AND INGESTION ARE PRIMARY ROUTES OF ENTRY.

POTENTIAL HEALTH EFFECTS

INHALATION: TOXIC BY INHALATION. BREATHING VAPORS OR MIST MAY BE HARMFUL; SYMPTOMS OF TOXICITY MAY INCLUDE SIGNS OF DEPRESSION, I.E., DROWSINESS, DIZZINESS, LOSS OF COORDINATION AND FATIGUE. IRRITATION OF NOSE AND THROAT AND KIDNEY DAMAGE. MAY AGGRAVATE ASTHMA-LIKE PRE-EXISTING CONDITIONS.

EYE CONTACT: IRRITANT, STINGING, TEARING, REDNESS AND SWELLING.

SKIN CONTACT: MAY CAUSE SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY CAUSE REDNESS, BURNING, DRYING AND CRACKING OF SKIN.

INGESTION: INGESTION OF EXCESSIVE QUANTITIES MAY CAUSE SIGNS OF NERVOUS SYSTEM DEPRESSION AND IRRITATION OF DIGESTIVE TRACT.

CHRONIC: NONE KNOWN

HMIS HAZARD CODE: HEALTH: 2
FLAMMABILITY: 0 REACTIVITY: 0
PERSONAL PROTECTION: B

SECTION 4 FIRST AID MEASURES

INHALATION: MOVE TO FRESH AIR. SEEK MEDICAL HELP IF BREATHING DIFFICULTIES DEVELOP.

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. CALL PHYSICIAN IF REDNESS PERSISTS.

SKIN CONTACT: WASH WITH MILD SOAP AND WATER. IF IRRITATION DEVELOPS AND PERSISTS, CALL A PHYSICIAN.

INGESTION CALL A PHYSICIAN. INDUCE VOMITING IF VICTOM IS CONSOIOUS.

SECTION 5 FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD:	N/D	
FLAMMABLE LIMITS	LFL: N/A	UFL: N/A
	LEL: N/A	UEL: N/A
FIRE FIGHTING INSTRUCTIONS: FIGHTERS	USE OF SCBA IS RECOMMENDED FOR FIRE	

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HAZARDOUS COMBUSTION PRODUCTS: NONE KNOWN

SECTION 6 ACCIDENTAL RELEASE MEASURES

LAND SPILL: USE SAND OR OTHER INERT MATERIAL TO DAM AND CONTAIN SPILL.

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 7 HANDLING AND STORAGE

STORAGE TEMPERATURE: STORE IN A COOL DRY AREA.

STORAGE PRESSURE: KEEP CONTAINER TIGHTLY CLOSED.

GENERAL: KEEP AWAY FROM CHILDREN. READ AND FOLLOW LABEL INSTRUCTIONS.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS

VENTILATION: LOCAL EXHAUST IF NEEDED.

PERSONAL PROTECTION

RESPIRATOR: NOT REQUIRED UNDER NORMAL USE. IN HIGH CONCENTRATION OF AIRBORNE MATTER USE NIOSH/MSHA APPROVED RESPIRATOR.

PROTECTIVE CLOTHING: IMPERVIOUS CLOTHING AND SHOES SHOULD BE WORN TO MINIMIZE CONTACT.

EYE PROTECTION: SAFETY GOGGLES.

PROTECTIVE GLOVES: CHEMICAL RESISTANT.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE:	NEGLIGIBLE	VAPOR DENSITY:	N/A
PSIG @ 70 DEG F (AEROSOLS)		(AIR = 1)	
SPECIFIC GRAVITY:	1.03	SOLUBILITY IN WATER:	100%
(WATER = 1)		EVAPORATION RATE:	NIL
BOILING POINT:	N/D	VISCOSITY:	
SLIGHTLY VISCOUS			
ODOR:	BUTYL	APPEARANCE:	DARK
RED LIQUID			
PH :	7.5 - 8.5		

SECTION 10 STABILITY AND REACTIVITY

GENERAL: STABLE

INCOMPATIBLE MATERIALS

AND CONDITIONS TO AVOID: STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION: MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION 11 TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

SECTION 12 ECOLOGICAL INFORMATION

NO DATA AVAILABLE

SECTION 13 DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 14 TRANSPORT INFORMATION

DOT (Department Of Transportation)

PROPER SHIPPING NAME: CLEANING COMPOUND, LIQUID,N.O.S.

ID NUMBER: N/A

HAZARD CLASS: NOT REGULATED

PACKING GROUP: N/A

SECTION 15 REGULATORY INFORMATION

NO DATA AVAILABLE

SECTION 16 OTHER INFORMATION

ABBREVIATION KEY:

N/A = NOT AVAILABLE

N/E = NOT ESTABLISHED

N/D = NOT DETERMINED