

# 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:** Delux Cleaning Supply LLC  
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 CONSIIOUS.

**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:** 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**

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