

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SCALE AWAY DE-LIMING ACID COIL CLEANER
PRODUCT DESCRIPTION: ACID COIL CLEANER
DATE PREPARED: March 1, 2010
LAST REVIEW 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#
SULFAMIC ACID	< 92.0	NONE	UNKNOWN	N/A
OXALIC ACID	< 5.5	2 MG/M3	UNKNOWN	N/A

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CORROSIVE

POTENTIAL HEALTH EFFECTS

INHALATION: WILL IRRITATE MUCOSAL MEMBRANES. UNDER RECOMMENDED CONDITIONS, VAPOR LEVEL WILL BE TOO LOW TO PRESENT INHALATION HAZARD.
EYE CONTACT: CAUSES SEVERE BURNS THAT RESULT IN DAMAGE AND POSSIBLE BLINDNESS.
SKIN CONTACT: THIS PRODUCT IS DESTRUCTIVE TO SKIN AND PRODUCES SEVERE BURNS. A LATENT PERIOD MAY EXIST BETWEEN EXPOSURE AND SKIN IRRITATION.
INGESTION: HARMFUL IF SWALLOWED. MAY CAUSE TISSUE PERFORATION.
CHRONIC: N/A

SECTION 4 FIRST AID MEASURES

INHALATION: MOVE IMMEDIATELY TO FRESH AIR; IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN.
EYE CONTACT: FLUSH EYES IMMEDIATELY WITH PLENTY OF COOL RUNNING WATER. REMOVE CONTACT LENSES. CONTINUE FLUSHING FOR 15 MINUTES HOLDING EYELIDS OPEN.
SKIN CONTACT: FLUSH SKIN WITH PLENTY OF COOL RUNNING WATER. WASH THOROUGHLY WITH SOAP AND WATER.
INGESTION: RINSE MOUTH; THEN DRINK 1 OR 2 LARGE GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 5 FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: UNKNOWN
FLAMMABLE LIMITS LFL: UNKNOWN UFL: UNKNOWN
LEL: UNKNOWN UEL: UNKNOWN
FIRE FIGHTING INSTRUCTIONS: STANDARD METHODS
FIRE FIGHTING EQUIPMENT: STANDARD AGENTS
HAZARDOUS COMBUSTION PRODUCTS: N/A

SECTION 6 ACCIDENTAL RELEASE MEASURES

LAND SPILL: MAXIMIZE VENTILATION. DIKE OR DAM LARGE SPILLS. RECOVER IF POSSIBLE. ADD ADSORBENT MATERIAL TO SOAK UP LIQUID. RINSE AREA THOROUGHLY WITH WATER. USE PROPER PROTECTIVE EQUIPMENT. CONSULT STATE AND LOCAL AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF CHEMICAL WASTE.

SECTION 7 HANDLING AND STORAGE

STORAGE TEMPERATURE: N/A
STORAGE PRESSURE: N/A
GENERAL: N/A

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS
VENTILATION: N/A
PERSONAL PROTECTION
RESPIRATOR: N/A
PROTECTIVE CLOTHING: N/A
PROTECTIVE GLOVES: RUBBER, PROTECTIVE CUFF TYPE RECOMMENDED
EYE PROTECTION: SPLASHPROOF GLASSES, GOGGLES OR FACE SHIELD.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: N/A
SPECIFIC GRAVITY: 8.34 LBS/GAL.
SOLUBILITY IN WATER: COMPLETE
pH: 100% = 1.5
ODOR: DETERGENT

VAPOR DENSITY: UNKNOWN
EVAPORATION RATE: UNKNOWN
BOILING POINT: DECOMPOSES
APPEARANCE: WHITE GRANULAR

SECTION 10 STABILITY AND REACTIVITY

GENERAL: STABLE UNDER NORMAL CONDITIONS OF HANDLING.
INCOMPATIBLE MATERIALS
AND CONDITIONS TO AVOID: CHLORINE COMPOUNDS
HAZARDOUS DECOMPOSITION: N/A

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: COROSSIVE SOLID, NOS {contains sulfamic acid}
ID NUMBER: UN-2967
HAZARD CLASS: 8
PACKING GROUP: III

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