Product ID:DECONTAMINATING AGENT,DS2 MSDS Date:04/19/1991 FSC:6850 NIIN:00-753-4870 MSDS Number: BQYGX === Responsible Party === Company Name: DALDEN CORP Box:1865 City:GRAPEVINE State:TX ZIP:76051 Country:US Info Phone Num:817-430-4288 Emergency Phone Num:800-424-9300 (CHEMTREC) CAGE:0EV88 === Contract or Identification === Company Name: ALL-BANN ENTERPRISES INC Address:2727 CORONADO STREET Box:City:ANAHEIM State:CA ZIP:92806-2401 Country:US Phone:714-630-7711 CAGE:27742 Company Name: DALDEN CORP Address:2923 SATURN ST SUITE C Box:City:BREA State:CA ZIP:92821 Country:US Phone:714-985-0117 CAGE:0EV88

Ingred Name:DIETHYLENE TRIAMINE CAS:111-40-0 RTECS #:IE1225000 Fraction by Wt: 70% Other REC Limits:NONE RECOMMENDED OSHA PEL:1 PPM ACGIH TLV:1 PPM,SKIN 9293

Ingred Name:ETHYLENE GLYCOL MONOETHYL ETHER, [2-METHOXYETHANOL (EGME)] (SARA III) CAS:109-86-4 RTECS #:KL5775000 Fraction by Wt: 28% Other REC Limits:NONE RECOMMENDED OSHA PEL:25 PPM,SKIN ACGIH TLV:5 PPM,SKIN 9293

Ingred Name:SODIUM HYDROXIDE (SARA III) CAS:1310-73-2 RTECS #:WB4900000 Fraction by Wt: 2% Other REC Limits:NONE RECOMMENDED OSHA PEL:2 MG/M3 ACGIH TLV:C 2 MG/M3; 9293 EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

====== Hazards Ident

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER. Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:EYES: IRRITATION, BURNS, SEVERE EYE DAMAGE, BLINDNESS. SKIN: REPEATED CONTACT MAY CAUSE IRRITATION, DERMATITIS. INHALATION: NOSE, THROAT, CHEST IRRITATION, HEADACHE, NAUSEA, VOMITING, LOSS OF COORDINA TION, LUNG DAMAGE. INGESTION: BURNS OF MOUTH, THROAT, ST OMACH, NAUSEA, VOMITING, DIARRHEA, KIDNEY

DAMAGE,COLLAPSE,DEATH.

Effects of Overexposure:EYES: IRRITATION, BURNS, EYE DAMAGE, BLINDNESS. SKIN: IRRITATION, DERMATITIS. INHALATION: NOSE THROAT AND CHEST IRRITATION, HEADACHE, DIZZINESS, FATIGUE, NAUSEA, VOMITING, LOSS OF COORDINATION, LUNG D AMAGE. INGESTION: BURNS OF MOUTH, THROAT, STOMACH, NAUSEA, VOMITING, DIARRHEA, WEAKNESS, KIDNEY DAMAGE, COLLAPSE, DEATH.

Medical Cond Aggravated by Exposure:OVEREXPOSURE MAY AGGRAVATE EX

ISTING

RESPIRATORY CONDITIONS, SUCH AS ASTHMA, BRONCHITIS, INFLAMMATORY OR FIBROTIC RESPIRATORY DISEASE.

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. IF BREATHING DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION : GIVE 2 GLASSES OF WATER.

DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Flash Point Method:PMCC Flash Point:168F,76C Lower Limits:NOT KNOWN Upper Limits:NOT KNOWN Extinguishing Media:CARBON DIOXIDE, ALCOHOL FOAM, WATER. Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL PROTECTIVE GEAR. Unusual Fire/Explosion Hazard:NEVER MIX OR STORE ACIDS, OXIDIZING AGENTS, 0R STB (SUPERTROPICAL B LEACH) TOGETHER WITH DS2.

HYPOCHLORITES MAY CAUSE FIRE AND/OR EXPLOSION WHEN MIXED WITH DS-2.

Spill Release Procedures: VENTILATE AREA. AVOID BREATHING VAPOR. CONTAIN SPILL. NEUTRALIZE WITH SODIUM BISULFATE. ABSORB WITH VERMICULITE, CLAY, DIATOMACEOUS EARTH. COLLECT MATERIAL IN STEEL DRUMS FOR DISPOSAL.

Neutralizing Agent:SODIUM BISULFATE

Hand

ling and Storage Precautions:AVOID HIGH TEMPERATURES (ABOVE 160 F). Other Precautions:DS2 WILL REACT VIOLENTLY WITH ACIDS. OXIDIZING AGENTS (HYPOCHLORITES) MAY CAUSE FIRE AND/OR EXPLOSION WHEN MIXED WITH DS2.

======= Exposure Controls/Personal Protection ==========

Respiratory Protection: WHEN CONCENTRATIONS EXCEED TLV, USE AN APPROVED ORGANIC VAPOR RESPIRATOR OR SUPPLIED AIR RESPIRATOR IN POSITIVE PRESSURE MODE. FOLLOW MANUFACTURERS RECOMMENDATIONS AND LIMITATION S. Ventilation: GENERALLY, MECHANICAL VENTILATION IS ADEQUATE. Protective Gloves:BUTYL RUBBER. Eye Protection: CHEMICAL TYPE GOGGLES WITH FACE SHIELD. Other Protective Equipment: CHEMICAL APRON, EYE WASH STATION AND SAFETY SHOWER. DO NOT WEAR CONTACT LENSES. Work Hygienic Practices: WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. Supplemental Safety and Health REPEATED OVEREXPOSURE MAY CAUSE INJURY TO BONE MARROW AND BLOOD CELLS, ΚI DNEY, LIVER, AND TESTES. HCC:B2 Boiling Pt:=193.3C, 380.F Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN Decomp Temp: Decomp Text: NOT KNOWN Vapor Pres:NOT KNOWN Vapor Density:NOT KNOWN Spec Gravity:0.97 -0.98 Evaporation Rate & amp; Reference: NOT KNOWN Solubility in Water:NOT KNOWN Appearance and Odor: CLEAR AMBER SOLUTION. AMMONIA-LIKE ODOR. Stability Indicator/Materi als to Avoid:YES METALS (ALUMINUM, CADMIUM, COPPER, TIN, ZINC), SOME PLASTICS, PAINT, WOOL, LEATHER. REACTS VIOLENTLY WITH ACIDS, OXIDIZING AGENTS. Stability Condition to Avoid: AVOID TEMPERATURES ABOVE 160F. Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER. Conditions to Avoid Polymerization: WILL NOT OCCUR. 

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Discl

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