

DALDEN CORP -- DECONTAMINATING AGENT,DS2 -- 6850-00-753-4827

=====
Product Identification
=====

Product ID:DECONTAMINATING AGENT,DS2

MSDS Date:04/19/1991

FSC:6850

NIIN:00-753-4827

MSDS Number: BQXTR

=== 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

=== Contracto

r 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

=====
Composition/Information on Ingredients
=====

Ingred Name:DIETHYLENE TRIAMINE

CAS:111-40-0

RTECS #:IE1225000

Fraction by Wt: 70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 P

PM
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 Identification

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 COORDINATION, LUNG DAMAGE. INGESTION:
BURNS OF MOUTH, THROAT, STOMACH, 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 DAMAGE. INGESTION: BURNS OF MOUTH, THROAT,
STOMACH, NAUSEA, VOMITING, DIARRHEA, WEAKNESS, KIDNEY DAMAGE,
COLLAPSE, DEATH.
Medical Cond Aggravated by Exposure:OVEREXPOSURE MAY AGGRAVATE EXI

STING

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

===== First Aid Measures =====

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.

===== Fire Fighting Measures =====

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, OR STB (SUPERTROPICAL BL EACH) TOGETHER WITH DS2.
HYPOCHLORITES MAY CAUSE FIRE AND/OR EXPLOSION WHEN MIXED WITH DS-2.

===== Accidental Release Measures =====

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

===== Handling and Storage =====

Handling 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 LIMITATIONS

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. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

REPEATED OVEREXPOSURE MAY CAUSE INJURY TO BONE MARROW AND BLOOD CELLS, KID

NEY, LIVER, AND TESTES.

===== Physical/Chemical Properties =====

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 & Reference:NOT KNOWN

Solubility in Water:NOT KNOWN

Appearance and Odor:CLEAR AMBER SOLUTION. AMMONIA-LIKE ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materia

Is 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.

===== Disposal Considerations =====

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

Discla

imer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.