

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: D.C. DISINFECTANT
CHEMICAL FAMILY: QUATERNARY AMMONIUM COMPOUND
PHYSICAL HAZARD: NONE
HEALTH HAZARD: TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM
HAZARD RATINGS: HEALTH: 2
FLAMMABILITY: 0
REACTIVITY: 0

NUMBER: DMN-64
REVISED: 7/9/95

DAMON INDUSTRIES INC.
BOX 2120, ALLIANCE, OH 44601

24 HOUR EMERGENCY ONLY PHONE: 1-800-535-5053

0 = Insignificant
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

INFORMATION PHONES: 1-800-362-9850
OR 330-821-5310
FAX: 330-821-6355

D.O.T. HAZARD CLASS: NOT CONSIDERED HAZARDOUS UNDER CFR 49

SECTION 2 - HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>PERCENT</u>	<u>TWA</u>	<u>STEL</u>	<u>CEILING</u>
SODIUM METASILICATE	6834-92-0	2 - 10%	-	-	-
n-ALKYL(C ₁₄ 50% C ₁₂ 40% C ₁₆ 10%)					
DIMETHYL BENZYL AMMONIUM CHLORIDE	8001-54-5	5.00%	-	-	-

THE BALANCE OF INGREDIENTS ARE NOT CONSIDERED HAZARDOUS UNDER CFR 29 1910.1200.

NONE OF THE INGREDIENTS ARE LISTED AS CARCINOGENS BY N.T.P., I.A.R.C. OR OSHA.

SECTION 3 - PHYSICAL DATA

BOILING POINT: 212° F.
SPECIFIC GRAVITY: 1.10
VAPOR PRESSURE: NOT AVAILABLE
PERCENT VOLATILES: 85%
VAPOR DENSITY: NOT AVAILABLE
EVAPORATION RATE: 1 (WATER=1)
SOLUBILITY IN WATER: COMPLETE
pH: 12.5 ± 0.5
APPEARANCE AND ODOR: GREEN LIQUID - LEMON ODOR.

SKIN CONTACT: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. REMOVE CLOTHING CONTAMINATED WITH CONCENTRATE AND LAUNDER BEFORE RE-USE.
INGESTION: DO NOT INDUCE VOMITING. DILUTE BY GIVING A GLASS OF WATER OR MILK TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. TREAT FOR SHOCK BY KEEPING WARM AND QUIET. GET MEDICAL ATTENTION IMMEDIATELY.
INHALATION: IF AFFECTED, MOVE PERSON TO FRESH AIR. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: NONE ASTM D-56 CLOSED CUP
LOWER EXPLOSIVE LIMIT: NOT APPLICABLE.
UPPER EXPLOSIVE LIMIT: NOT APPLICABLE

SECTION 7 - SPECIAL PRECAUTIONS

SPILL/LEAK PROCEDURES

EXTINGUISHING MEDIA: NONE
SPECIAL FIRE FIGHTING PROCEDURES: NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND MAY BE HAZARDOUS. OBSERVE ALL PRECAUTIONS GIVEN IN THIS DATA SHEET.

SECTION 5 - REACTIVITY DATA

STABILITY: STABLE **INCOMPATIBILITY:** NONE
HAZARDOUS DECOMPOSITION PRODUCTS: NONE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: A GALLON OR LESS MAY BE WASHED TO SEWER WITH A LARGE AMOUNT OF WATER.
LARGE SPILL: DIKE TO PREVENT ENTRY INTO SEWER. PUMP OR COLLECT MATERIAL INTO CLEAN DRUMS.

SECTION 6 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE (TLV): NONE KNOWN

PRIMARY ROUTES OF ENTRY:
 THROUGH SKIN INHALATION INGESTION

WASTE DISPOSAL METHOD: SEWER IF ALLOWED OR APPROPRIATE LANDFILL. COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

EFFECTS OF OVEREXPOSURE:

EYES - CONCENTRATE CAN CAUSE EYE DAMAGE. DILUTIONS CAUSE IRRITATION & REDNESS.
SKIN - CONCENTRATE CAUSES IRRITATION. DILUTIONS MAY CAUSE IRRITATION, REDDENING, DERMATITIS.
SWALLOWING - MAY RESULT IN DAMAGE TO MUCOUS MEMBRANES.
BREATHING - EXCESSIVE INHALATION OF CONCENTRATE VAPORS OR SPRAY MIST MAY CAUSE IRRITATION.

SECTION 8 - PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: NONE UNDER EXPECTED USE CONDITIONS.
VENTILATION: GOOD ROOM VENTILATION.
PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS: RUBBER.
EYE PROTECTION: IF EYE CONTACT IS POSSIBLE, THE WEARING OF SAFETY GLASSES WITH SIDE SHIELDS (ESPECIALLY FOR CONTACT LENSE WEARERS) IS REQUIRED WITH CONCENTRATE AND ADVISABLE WITH DILUTIONS.
OTHER PROTECTIVE EQUIPMENT: NONE.

FIRST AID PROCEDURES:

EYE CONTACT: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

OTHER REGULATORY INFORMATION

THE COMPONENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY OF CHEMICAL SUBSTANCES.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.