

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** STEROKEM CDS DETERGENT DISINFECTANT  
**CHEMICAL FAMILY:** QUATERNARY AMMONIUM CHLORIDE  
**PHYSICAL HAZARD:** NONE  
**HEALTH HAZARD:** TARGET ORGANS: EYES, SKIN  
**HAZARD RATINGS:** HEALTH: 2  
FLAMMABILITY: 0  
REACTIVITY: 0

**NUMBER: DMN-332**  
**REVISED: 8/5/98**

**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

| INGREDIENT  | CAS NO.    | PERCENT | TWA | STEL | CEILING |
|---|------------|---------|-----|------|---------|
| SODIUM CARBONATE  | 497-19-8   | 2 - 10% | -   | -    | -       |
| n-ALKYL(68% <sub>C<sub>12</sub></sub> , 32% <sub>C<sub>14</sub></sub> ) DIMETHYL BENZYL AMMONIUM CHLORIDE   | 68956-79-6 | 2.25%   | -   | -    | -       |
| n-ALKYL(60% <sub>C<sub>14</sub></sub> , 30% <sub>C<sub>16</sub></sub> , 5% <sub>C<sub>12</sub></sub> , 5% <sub>C<sub>18</sub></sub> ) DIMETHYL BENZYL AMMONIUM CHLORIDE | 68391-01-5 | 2.25%   | -   | -    | -       |

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:** 1.04  
**VAPOR PRESSURE:** NOT AVAILABLE  
**PERCENT VOLATILES:** 86%  
**VAPOR DENSITY:** NOT AVAILABLE  
**EVAPORATION RATE:** 1 (WATER=1)  
**SOLUBILITY IN WATER:** COMPLETE  
**pH:** 11.5 ± 0.5  
**APPEARANCE AND ODOR:** COLORLESS LIQUID - SLIGHT ODOR.

UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

**SKIN CONTACT:** WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING AND LAUNDRER 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, REMOVE 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:

WIPE OR MOP UP.

## SECTION 6 - HEALTH HAZARD DATA

**THRESHOLD LIMIT VALUE (TLV):** NONE KNOWN

**PRIMARY ROUTES OF ENTRY:**  
X THROUGH SKIN \_ INHALATION \_ INGESTION

### EFFECTS OF OVEREXPOSURE:

**EYES** - CONCENTRATE CAN CAUSE EYE DAMAGE. DILUTIONS CAUSE IRRITATION & REDNESS.

**SKIN** - CONCENTRATE CAN CAUSE SKIN IRRITATION. DILUTIONS CAN CAUSE IRRITATION, REDDENING, DERMATITIS.

**SWALLOWING** - MAY RESULT IN DAMAGE TO MUCOUS MEMBRANES.

**BREATHING** - EXCESSIVE INHALATION OF VAPORS CAN CAUSE IRRITATION.

### FIRST AID PROCEDURES:

**EYE CONTACT:** IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, LIFTING

**WASTE DISPOSAL METHOD:** MAY BE WASHED TO SEWER WITH A LARGE AMOUNT OF WATER. COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

## 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 LENS WEARERS) IS REQUIRED WITH CONCENTRATE AND ADVISABLE WITH DILUTIONS.

**OTHER PROTECTIVE EQUIPMENT:** AN EYEWASH STATION SHOULD BE LOCATED NEARBY AND READY FOR USE.

## 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.