

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	D/D-5000
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PRODUCT CODE	A-ONE 13545
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MANUFACTURED FOR A-ONE CHEMICAL & EQUIPMENT
STREET ADDRESS 2902 EAST X STREET
CITY, STATE ZIP DEER PARK, TX. 77536
PHONE

ISSUE DATE	04/04/01
SUPERCEDES	05-24-96

EMERGENCY TELEPHONE NUMBER

1-800-535-5053

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS No.	EXPOSURE LIMITS			OTHER LIMITS
		OSHA PEL/TLV	ACGIH TLV	STEL	
Alkyl Dimethyl Ammonium Chloride	38391-01-5	NA	NA	NA	NA
Alkyldimethyl (ethyl benzyl) Ammonium Chloride	68956-79-6	NA	NA	NA	NA

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Irritation to exposed mucous membranes
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POTENTIAL HEALTH EFFECTS	
INGESTION	Irritation and gastric distress
INHALATION	Irritation
EYE CONTACT	May cause moderate to severe Irritation
SKIN CONTACT	Irritation

SECTION 4 – FIRST AID MEASURES

INGESTION	Drink large amounts of water. DO NOT INDUCE VOMITING. See a physician immediately.
INHALATION	Do not breathe mists. If mists are formed, leave area and do not return until mists have dissipated. If irritation persists, see a physician.
EYE CONTACT	Flush with water for 15 minutes while holding lids apart. See a physician.
SKIN CONTACT	Flush with water. Remove contaminated clothing and do not re-wear until washed. If irritation persists, see a physician.
NOTE TO PHYSICIAN	Treatment based on judgment of the physician in response to reactions of the patient.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT / METHOD	Not determined	FLAMMABLE LIMITS	NA
% VOLATILE	NA		
EXTINGUISHING MEDIA	Dry chemical, water mist, alcohol foam.		
SPECIAL FIRE FIGHTING PROCEDURES	Firefighters should wear a self-contained breathing apparatus as in all chemical fires.		
FIRE AND EXPLOSION HAZARDS	None		

SECTION 6 – ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Absorb spill with inert material, Shovel material into appropriate container for disposal. Flush with water to remove trace residue. Do not allow spilled material to enter public drainage systems or open watercourses.
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SECTION 7 – HANDLING AND STORAGE

HANDLING PRECAUTIONS	Wash hands before eating. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in a cool, dry place.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTIONS

HYGIENIC PRACTICES	Normal procedures for good hygiene. Observe label precautions. Use personal protection equipment.
ENGINEERING CONTROLS	Use general mechanical ventilation to remove vapors at the source. Eyewash station is recommended.

	RESPIRATOR	Not required
X	GOGGLES / FACE SHIELD	Required; Chemical splash type
	APRON	Not required
X	GLOVES	Required; Chemical resistant type
	BOOTS	Not required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear mobile liquid, slightly yellow	BOILING POINT	210° F
ODOR	Typical odor	VAPOR PRESSURE	NA
pH	11.5	VAPOR DENSITY	NA
SPECIFIC GRAVITY	1.040	EVAPORATION RATE (butyl acetate=1)	<1
SOLUBILITY IN WATER	Complete		

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	No special precautions beyond standard safe industrial practices.					
INCOMPATIBILITY	Oxidizing agents, acids, bases, anionic surfactants					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of ammonia					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	Elevated temperatures					

SECTION 11 – TOXICOLOGICAL INFORMATION

CARCINOGENICITY

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910,Z

OTHER EFFECTS

ACUTE	Irritation to exposed mucous membranes
CHRONIC	Skin may become sensitized upon exposure to product
ORAL LD/50	Unknown

SECTION 12 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Highly diluted material may be flushed to sewer
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SECTION 13 – TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION						
A-ONE HM CODE	000					

SECTION 14 – OTHER INFORMATION

HMIS CLASSIFICATION

2	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
none	WHITE	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary and reasonably foreseeable. Since actual use and handling are beyond our control, no warranty, express or implied, is made and no liability is assumed by Seatex Corporation in connection with the use of this information.