

MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	GENERAL PURPOSE CLEANER				
PRODUCT CODE	SEA 14920	MANUFACTURED FOR	Team Systems		
ISSUE DATE	06/19/01	STREET ADDRESS	2723 Dove Country Drive		
SUPERCEDES	02/27/92	CITY, STATE ZIP	Stafford, Texas 77477		
		PHONE	1 (800) 652-0717		

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	
Butoxyethanol	111-76-2	25 ppm	25 ppm	NA	NA
Sodium Metasilicate	6834-92-0	NE	NE	NE	NA

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Cause irritation to eyes, skin, and respiratory tract.
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POTENTIAL HEALTH EFFECTS	
INGESTION	Irritation and central nervous system effects as note in sec II
INHALATION	Irritation and central nervous system effects as noted in sec II
EYE CONTACT	Burns
SKIN CONTACT	Irritation, defatting of skin.

SECTION 4 – FIRST AID MEASURES

INGESTION	Drink large quantities of water. INDUCE VOMITING. See a physician immediately.
INHALATION	Remove victim to fresh air. Do not return until mists have dissipated.
EYE CONTACT	Flush with water for 15 minutes while holding lids open. 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	NA	FLAMMABLE LIMITS	LEL – NA UEL – 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	Stop leak. Dilute spilled material with dilute acetic acid (vinegar) to less than pH 10.
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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. ** OR ** Use local exhaust to remove vapors at the source. Eyewash station is recommended.

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

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear to light amber	BOILING POINT	>212° F
ODOR	Mild solvent odor	VAPOR PRESSURE	NA
pH	11.6	VAPOR DENSITY	NA
SPECIFIC GRAVITY	1.07	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	Strong acids and oxidizing agents.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of carbon					
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	Central nervous system depression, headache, nausea, dizziness, and coughing. Severely irritating to eyes and will defat skin.
CHRONIC	Chronic exposure to Butoxyethanol may cause damage to the liver, kidney, and blood forming organs.
ORAL LD/50	Unknown

SECTION 12 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Diluted material may be flushed to sewer.
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SECTION 13 – TRANSPORT INFORMATION

DOT CLASSIFICATION		HAZARDOUS			NOT HAZARDOUS	X
DESCRIPTION	NA					
SEATEX HM CODE	000					

SECTION 14 – OTHER INFORMATION

HMIS CLASSIFICATION

2	BLUE	HEALTH HAZARD
0	RED	FLAMMABILITY
0	YELLOW	REACTIVITY
Alk	WHITE	SPECIAL HAZARD

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