

SCHOOLCRAFT COLLEGE
CUSTOMER: 18600 HAGGERTY
SEE REVERSE SIDE ATTN: DIR. OF BLDGS/GROUNDS
LIVONIA MI 48151

**MATERIAL SAFETY
DATA SHEET**

Huntington.

MSDS DATE 12/28/94

PRODUCT NO. 102816

DATE 1/26/96

CUSTOMER NO. 300177

INVOICE NO. 709288

SECTION I - IDENTITY

MANUFACTURER'S NAME Huntington Laboratories, Inc.	EMERGENCY TELEPHONE NO. 219/356-8100	ADDRESS (Number, Street, City, State and Zip Code) 970 East Tipton Street, Huntington, Indiana 46750
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CHEMICAL NAME AND SYNONYMS

N/A

TRADE NAME AND SYNONYMS

SALT-AWAY ICE MELT RESIDUE REMOVER

CHEMICAL FAMILY

N/A

FORMULA

N/A

SECTION II - HAZARDOUS INGREDIENTS

CAS NO.	PRINCIPAL HAZARDOUS COMPONENTS	%	ACGIH TLV	OSHA PEL
5131-66-8	*N-BUTOXYPROPANOL	1-10	N/A	N/A
102-71-6	TRIETHANOLAMINE	10-20	N/A	N/A
111-42-2	*DIETHANOLAMINE	1-10	3 PPM	3 PPM
7664-38-2	*PHOSPHORIC ACID	5-15	1 MG/M3	1 MG/M3
	OTHER INGREDIENTS > OR = 3%:			
7732-18-5	WATER			
* REPORTABLE UNDER SARA TITLE III, SECTION 313				

SECTION III PHYSICAL DATA

APPEARANCE AND ODOR	COLORLESS LIQUID, SOLVENT ODOR			pH VALUE	4.6-5.6
SPECIFIC GRAVITY (H ₂ O=1)	1.10	PERCENT, VOLATILE BY VOLUME (%)	72	REACTIVITY IN WATER	NONE
BOILING POINT (°F.)	212	SOLUBILITY IN WATER	100%	EVAPORATION RATE (WATER = 1)	1
		VAPOR DENSITY (AIR=1)	<1	VAPOR PRESSURE (mm Hg.)	17.5

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT METHOD USED	>212F, TOC	FLAMMABLE LIMITS	UPPER	N/A	LOWER	N/A	AUTO IGNITION TEMP	UNK	SPECIAL FIRE FIGHTING PROCEDURES	NONE
CONT:	EXTINGUISHING MEDIA AS APPROPRIATE FOR SURROUNDING FIRE.									

UNUSUAL FIRE AND EXPLOSION HAZARDS	CONTACT WITH MANY METALS WILL LIBERATE FLAMMABLE HYDROGEN GAS.
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SECTION V - PHYSICAL HAZARDS

STABILITY	UNSTABLE	STABLE	X	CONDITIONS TO AVOID	CONTACT WITH MANY METALS WILL LIBERATE FLAMMABLE HYDROGEN GAS.
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INCOMPATIBILITY

(MATERIALS TO AVOID) ALKALIES, OXIDIZERS, REACTIVE METALS.

HAZARDOUS DECOMPOSITION PRODUCTS THERMAL DECOMPOSITION MAY YIELD TOXIC FUMES OF PHOSPHORUS PENTOXIDE AND OXIDES OF NITROGEN AND CARBON.

HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR	X	CONDITIONS TO AVOID	NONE
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SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	SEE SEC II	EFFECTS OF OVEREXPOSURE	1 INHALATION	MAY CAUSE RESPIRATORY TRACT IRRITATION.
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2. EYES	CAUSES SEVERE IRRITATION.	3 SKIN	CAUSES IRRITATION.
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4. INGESTION	HARMFUL. MAY CAUSE STOMACH, THROAT IRRITATION.
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EMERGENCY AND FIRST AID PROCEDURES	1. INHALATION	MOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN.
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2. EYES	IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.
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3. SKIN	IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. CALL A PHYSICIAN IF IRRITATION PERSISTS.
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4. INGESTION	GIVE VICTIM LARGE QUANTITIES OF WATER. CALL A PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING AT THE ADVICE OF A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
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SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	CONTAIN SPILL. DO NOT CONTAMINATE FOOD, FEED, OR WATER.	WASTE DISPOSAL METHOD	DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
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SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY	NONE NORMALLY. APPROVED RESPIRATOR	VENTILATION	LOCAL	GEN ROOM	SPECIAL	OTHER
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PROTECTIVE GLOVES BUTYL	EYE PROTECTION GOGGLES	OTHER NONE
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SECTION IX - SPECIAL PRECAUTIONS

PRECAUTION TO BE TAKEN IN HANDLING AND STORING DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING VAPORS. STORE IN COOL, DRY AREA.

KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM MECHANICAL DAMAGE. DO NOT MIX WITH OTHER CHEMICALS.

OTHER PRECAUTIONS KEEP OUT OF REACH OF CHILDREN.

WET FLOORS ARE SLIPPERY. PREVENT PEDESTRIAN TRAFFIC WITH WET FLOOR SIGNS OR BARRICADES.