

CHEMAX
CORPORATION

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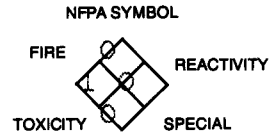
MATERIAL SAFETY DATA SHEET

EMERGENCY PHONE 1-800-346-0132

MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (HSC) 29 CFR 1910, 1200, STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

HMIS SYMBOL	
HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

HMIS	NFPA
SEVERE 4	EXTREME
SERIOUS 3	HIGH
MODERATE 2	MODERATE
SLIGHT 1	SLIGHT
MINIMAL 0	INSIGNIFICANT



PRODUCT IDENTIFICATION:

B418 WINDSHIELD DE-ICER
DATE: 01/02/03

SECTION I: HAZARDOUS INGREDIENTS

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
67-63-0	ISOPROPANOL	2-6	400
107-98-2	PROPYLENE GLYCOL MONOMETHYL ETHER	1-3	100
7732-18-5	WATER	91-95	N/A
9004-82-4	SODIUM LAURETH SULFATE - 60% AQUEOUS	0.1-0.3	N/A
1330-38-6	C. I. DIRECT BLUE 86	0.003	N/A
TOTAL		100%	

SECTION II: PHYSICAL DATA

BOILING POINT: 178 F
 VAPOR PRESSURE: 26.8 mm Hg
 VAPOR DENSITY: 1.1
 SOLUBILITY IN WATER: INFINITE
 SPECIFIC GRAVITY: 0.994
 PERCENT VOLATILE BY VOLUME: 99.97%
 EVAPORATION RATE: N/A
 P H: N/A
 APPEARANCE AND ODOR: CLEAR, BLUE LIQUID & SLIGHT ALCOHOL ODOR

SECTION III: FIRE AND EXPLOSION DATA

FLASH POINT: NO FLASH @ BOIL
 FLAMMABLE LIMITS: N/A
 EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CARBON DIOXIDE
 SPECIAL FIREFIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE:

POSSIBLE EYE/SKIN IRRITANT; INGESTING LRG QTYS CAUSES SICKNESS & NAUSEA

EMERGENCY FIRST AID PROCEDURES:

SKIN: N/A

EYES: FLUSH WITH LARGE AMOUNTS OF WATER. CALL PHYSICIAN.

INGESTION: DRINK LARGE AMOUNTS OF MILK OR OTHER LIQUID.

CALL PHYSICIAN IMMEDIATELY.

INHALATION: N/A

SECTION V: REACTIVITY DATA

STABILITY DATA: STABLE

INCOMPATIBILITY: AVOID MIXING WITH ACID

HAZARDOUS DECOMPOSITIONN PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

SMALL SPILLS: WIPE UP PRODUCT. RINSE SOILED AREA WITH WATER DOWN THE DRAIN.

LARGE SPILLS: STOP LEAK AT THE SOURCE AND COLLECT INTO A SUITABLE CONTAINER. TREAT AS A SMALL SPILL.

AVOID BREATHING OF VAPORS AND ABSORPTION THROUGH SKIN.

FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

SECTION VII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: DEPENDS ON VAPOR CONCENTRATION ABOVE TLV. USE A NIOSH APPROVED CARTRIDGE RESPIRATOR OR GAS MASK.

VENTILATION: LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(s)

PROTECTIVE GLOVES: FOR PROLONGED USE

EYE PROTECTION: SAFETY APPROVED EYEWEAR

OTHER PROTECTIVE EQUIPMENT:NONE

SECTION VIII: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

ALWAYS STORE IN CLOSED CONTAINERS. KEEP OUT OF REACH OF CHILDREN.

OTHER PRECAUTIONS: READ & FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE MANNER, AND THEY ALSO GIVE YOU THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.