



CHEMAX
CORPORATION

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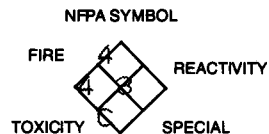
MATERIAL SAFETY DATA SHEET

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	4
FLAMMABILITY	4
REACTIVITY	3

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



PRODUCT IDENTIFICATION: B320 CARBUSOL
DATE: 01/02/03

SECTION I: HAZARDOUS INGREDIENTS

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
1330-20-7	XYLENE (xylol)	> 9	100
75-09-2	METHYLENE CHLORIDE	> 9	100
1319-77-3	CRESYLIC ACID	> 9	5
67-56-1	METHANOL	> 4	200
25168-05-2	MONOCHLOROTOLUENE	> 1	50
1310-58-3	POTASSIUM HYDROXIDE	> 1	N/A
1330-20-7	LOWEST KNOWN LC50 (Vapors)	VAPOR	5000

NOTE - THIS PRODUCT CONTAINS THESE SARA TITLE III, SECTION 313 CHEMICALS:
XYLENE, METHYLENE CHLORIDE, CRESYLIC ACID, METHANOL

SECTION II: PHYSICAL DATA

BOILING POINT: 210 C
VAPOR PRESSURE: 70.8 mm Hg @ 10 C
VAPOR DENSITY: (AIR=1): 1.2
SOLUBILITY IN WATER: APPRECIABLE
SPECIFIC GRAVITY: (H2O=1): 1.057
PERCENT VOLATILE BY VOLUME: N/A
EVAPORATION RATE: (BUTYL ACETATE=1): LONG
P H: N/D
APPEARANCE AND ODOR: CLEAR, LIGHT STRAW COLOR & ALCOHOL ODOR

SECTION III: FIRE AND EXPLOSION DATA

FLASH POINT: 11 C / 52 F T.C.C (lowest flashing component)
FLAMMABLE LIMITS: (APPX. % BY VOLUME IN AIR): 1.0 (lowest component)
EXTINGUISHING MEDIA: NFPA CLASS B EXTINGUISHERS (CO2 OR FOAM) FOR IB LIQUID FIRES.
SPECIAL FIREFIGHTING PROCEDURES: WATER SPRAY MAY BE INEFFECTIVE ON FIRE, BUT IT CAN PROTECT FIREFIGHTERS AND COOL CLOSED CONTAINERS. USE FOG NOZZLES IF WATER USED. USE AIR-SUPPLIED UNUSUAL FIRE AND EXPLOSION HAZARDS: BREATHING MASK.
REACTS WITH MANY METALS TO PRODUCE HYDROGEN, WHICH IS EXTREMELY FLAMMABLE AND CAN EXPLODE.

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/D

EFFECTS OF OVEREXPOSURE: EYE & SKIN IRRITATION, POSSIBLE BURNS AND DEFATTING OF SKIN, SEVERE RESPIRATORY TRACT IRRITATION CAN OCCUR, INGESTION CAN CAUSE ABDOMINAL IRRITATION & POISON CAN BE FATAL OR CAUSE BLINDNESS IF SWALLOWED.

EMERGENCY FIRST AID PROCEDURES:

SKIN: WASH THOROUGHLY WITH SOAP & WATER

EYES: FLUSH WITH WATER. SEEK MEDICAL ATTENTION.

INGESTION: INDUCE VOMITING PROMPTLY, THEN GIVE 2 TEASPOONS OF BAKING SODA IN A GLASS OF WATER. SEEK MEDICAL ATTENTION IMMEDIATELY.

INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL AID.

SECTION V: REACTIVITY DATA

STABILITY DATA: STABLE

INCOMPATIBILITY: REACTS w/METALS TO PRODUCE HYDROGEN - EXTREMELY FLAMMABLE

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, HYDROGEN CHLORIDE

HAZARDOUS POLYMERIZATION: N/D

SECTION VI: SPILL OR LEAK PROCEDURES

SMALL SPILLS: SOAK UP ON APPROPRIATE ABSORBENT MATERIAL

LARGE SPILLS: SAME. FOLLOW LOCAL, STATE, AND FEDERAL REGULATIONS.

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: IF VAPOR CONCENTRATION OVER TLV, USE A NIOSH APPROVED POSITIVE PRESSURE, SELF-CONTAINED BREATHING APPARATUS.

VENTILATION: LOCAL EXHAUST: NECESSARY MECHANICAL: ACCEPTABLE

PROTECTIVE GLOVES: REQUIRED

EYE PROTECTION: OSHA STANDARD GOGGLES OR FACE SHIELD

OTHER PROTECTIVE EQUIPMENT: APRON & FOOTWEAR IMPERVIOUS TO MATERIAL

SECTION VIII: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: WHEN USING, LOOSEN BUNG SLOWLY TO RELIEVE PRESSURE. DO NOT STORE ABOVE 38 C OR 100 F. STORE LARGE AMOUNTS OF PRODUCT IN STRUCTURES MADE FOR OSHA CLASS IB LIQUIDS.

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.