

CHEMAX
CORPORATION

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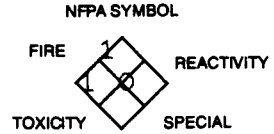
MATERIAL SAFETY DATA SHEET

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	1
REACTIVITY	0

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



PRODUCT IDENTIFICATION:

A133 FOCUS
DATE: 01/02/03

CPC

SECTION I: HAZARDOUS INGREDIENTS

CAS NUMBER	CHEMICAL NAME	%	TLV (PPM)
1336-21-6	AMMONIUM HYDROXIDE	1	25
75-28-5	ISOBUTANE/PROPANE BLEND	5-10	800
74-98-6			1000
67-63-0	ISOPROPANOL	10	400
7732-18-5	WATER	75-85	N/A

14.64% VOC 136.9 grams/liter VOC

NOTE - THIS PRODUCT CONTAINS THESE SARA TITLE III, SECTION 313 CHEMICALS:
AMMONIUM HYDROXIDE

SECTION II: PHYSICAL DATA

BOILING POINT: N/A
 VAPOR PRESSURE: MAX = 60
 VAPOR DENSITY: N/D
 SOLUBILITY IN WATER: SOLUBLE
 SPECIFIC GRAVITY: (H2O=1): 0.970
 PERCENT VOLATILE BY VOLUME: N/D
 EVAPORATION RATE: N/D
 P H: N/A
 APPEARANCE AND ODOR: WHITE FOAM & AMMONIA/ALCOHOL ODOR

SECTION III: FIRE AND EXPLOSION DATA

FLASH POINT: NON-FLAMMABLE
 FLAMMABLE LIMITS: N/A
 EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER
 SPECIAL FIREFIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARDS:

DO NOT EXPOSE TO TEMPERATURES ABOVE 130 F OR CONTAINER MAY RUPTURE

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: POSSIBLE CHEMICAL PNEUMONITIS IF ASPIRATED INTO LUNGS; SLIGHT IRRITATION TO SKIN AND EYES; EXCESSIVE INHALATION CAN CAUSE HEADACHE, DIZZINESS, ASPHYXIA, POSSIBLE UNCONSCIOUSNESS

EMERGENCY FIRST AID PROCEDURES:

- SKIN:** WASH WITH SOAP AND WATER. IF IRRITATED, SEE PHYSICIAN.
- EYES:** FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATED, SEE PHYSICIAN.
- INGESTION:** DRINK LARGE VOLUMES OF WATER. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION.
- INHALATION:** REMOVE TO FRESH AIR. RESUSCITATE IF NECESSARY. SEEK IMMEDIATE MEDICAL ATTENTION.

SECTION V: REACTIVITY DATA

- STABILITY DATA:** STABLE. AVOID OPEN FLAME, WELDING ARCS, HEAT.
- INCOMPATIBILITY:** STRONG OXIDIZERS, ALKALI METALS, COPPER
- HAZARDOUS DECOMPOSITION PRODUCTS:** CARBON MONOXIDE, CARBON DIOXIDE
- HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

- SMALL SPILLS:** FLUSH TO SEWER WITH WATER
- LARGE SPILLS:** AEROSOL CANS, WHEN EMPTIED AND DEPRESSURIZED THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD AND SHOULD BE RECYCLED.
- 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 EXCEEDS TLV, USE RESPIRATOR APPROVED BY NIOSH IN POSITIVE PRESSURE MODE.
- VENTILATION:** ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV(s)
- PROTECTIVE GLOVES:** LATEX GLOVES IF SKIN EASILY IRRITATED
- EYE PROTECTION:** SAFETY GLASSES RECOMMENDED
- OTHER PROTECTIVE EQUIPMENT:** NONE

REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP & WATER BEFORE HANDLING FOOD.

SECTION VIII: SPECIAL PRECAUTIONS

- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT STORE AT TEMPERATURES ABOVE 130 F. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING ALL VAPORS. AVOID ANY FOOD CONTAMINATION.
- 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.