

I MANUFACTURER AND PRODUCT IDENTIFICATION

DATE: 12/10/03
 TRADE NAME: FEATURE BLUE
 GENERAL OR GENERIC ID:
 MANUFACTURED FOR: ATLANTIC SOLUTIONS
 125 N. CHATHAM PKWY.
 CHAPEL HILL, NC 27517
 (800) 476-0895 (919) 933-4250
 24 HR. INFOTRAC NUMBER: (800) 535-5053

HMIS RATING: HEALTH (1) FLAMMABILITY (0) REACTIVITY (0) PROTECTION (B)
 4 = EXTREME, 3 = HIGH, 2 = MODERATE, 1 = SLIGHT, 0 = INSIGNIFICANT * = CHRONIC HAZARD

II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS CHEMICAL IDENTITY; COMMON NAMES	CAS#	EXPOSURE LIMITS ACGIH / TLV	OSHA PEL	% OPTIONAL
AMMONIUM SULFATE	7783-20-2	NE	NE	

THERE ARE NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS PRESENT ACCORDING TO OSHA 29CFR 1910.1200.

NE=NONE ESTABLISHED

III PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING RANGE: 212F
 VAPOR PRESSURE (mm hg): N/A
 VAPOR DENSITY, (AIR = 1): N/A
 SOLUBILITY IN WATER: SOLUBLE
 pH: 6.0-7.0
 APPEARANCE AND ODOR: BLUE LIQUID, ODORLESS

SPECIFIC GRAVITY (WATER = 1): 1.14
 FREEZING POINT: 32F
 EVAPORATION RATE (BUTYLACETATE = 1): N/A

IV FIRE AND EXPLOSION DATA

FLASH POINT, (METHOD USED): NO FLASH AT BOIL
 EXTINGUISHING MEDIA: N/A
 FIRE FIGHTING PROCEDURES: KEEP DRUMS COOL WITH WATER SPRAY TO PREVENT DRUM RUPTURE DUE TO STEAM BUILDUP; FIREFIGHTERS SHOULD WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL GEAR.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

LEL: N/A UEL: N/A

V REACTIVITY DATA

STABILITY DATA: STABLE UNDER NORMAL CONDITIONS OF USE AND STORAGE
 CONDITIONS TO AVOID: AVOID EXTREME TEMPERATURES
 INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS AND STRONG ALKALIES.
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/A

VI HEALTH HAZARD DATA

ROUTES OF ENTRY-SIGNS AND SYMPTOMS:

INHALATION: CAN CAUSE IRRITATION OF UPPER RESPIRATORY TRACT. DO NOT BREATHE SPRAY MISTS
SKIN: CAN CAUSE IRRITATION
EYES: MAY CAUSE IRRITATION
INGESTION: INGESTION IS NOT EXPECTED TO BE A PRIMARY ROUTE OF EXPOSURE. INGESTION CAN CAUSE IRRITATION.

HEALTH HAZARDS (ACUTE AND CHRONIC): ACUTE – INGESTION MAY CAUSE GASTROINTESTINAL DISCOMFORT WITH ANY OR ALL OF THE FOLLOWING SYMPTOMS: NAUSEA, VOMITING, LETHARGY OR DIARRHEA.

CARCINOGENICITY: NTP: NO **IARC MONOGRAPHS:** NO **OSHA REGULATED:** NO
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NO DATA.

EMERGENCY FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR; IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.
INGESTION: GIVE LARGE AMOUNTS OF MILK OR WATER; INDUCE VOMITING; SEEK MEDICAL ATTENTION AT ONCE.
EYE CONTACT: FLUSH IMMEDIATELY WITH COPIOUS AMOUNTS OF TAP WATER OR NORMAL SALINE FOR MINIMUM OF 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
SKIN CONTACT: WASH EXPOSED AREA WITH PLENTY OF SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

VII PRECAUTIONS FOR DISPOSAL, SAFE HANDLING, AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: INITIALLY MINIMIZE AREA AFFECTED BY THE SPILL OR LEAK VIA DIKES, BLOCKADES, ETC. RECOVER AS MUCH OF THE PURE PRODUCT AS POSSIBLE INTO APPROPRIATE CONTAINERS. PREVENT CONTAMINATION OF SEWERS, STREAMS AND GROUNDWATER WITH SPILLED MATERIAL OR USED ABSORBENT. LATER, DETERMINE IF THE RECOVERED PRODUCT CAN BE USED FOR ITS INTENDED PURPOSE. ADDRESS THE SPILL AREA FOR RESIDUAL CLEANUP. CLAY, SOIL OR COMMERCIALY AVAILABLE ABSORBENTS MAY BE USED TO RECOVER ANY MATERIAL THAT CAN NOT BE READILY RECOVERED AS A PURE PRODUCT. PLACE ALL WASTE RESIDUES IN APPROVED CONTAINERS AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: OBSERVE ALL LOCAL STATE, AND FEDERAL REGULATIONS WHEN STORING THIS PRODUCT. STORE IN A TIGHTLY CLOSED CONTAINER. STORE AWAY FROM INCOMPATIBLE MATERIALS. AVOID EXTREME TEMPERATURES.

OTHER PRECAUTIONS: AVOID BODY CONTACT WITH THIS PRODUCT AS WITH ALL CHEMICALS. AVOID BREATHING MISTS OF THIS PRODUCT.

VIII CONTROL MEASURES

RESPIRATORY PROTECTION: *NOT NORMALLY REQUIRED FOR WELL VENTILATED APPLICATIONS. HOWEVER, IN POORLY VENTILATED MISTY PARTICULATE AREAS, A **NIOSH** APPROVED RESPIRATOR APPARATUS IS RECOMMENDED.*

VENTILATION: *GOOD LOCAL OR GENERAL VENTILATION IS SUFFICIENT FOR MOST OPERATIONS IN ABSENCE OF MISTS.*

PROTECTIVE GLOVES: *RUBBER OR NEOPRENE, IMPERVIOUS CLOTHING.*

EYE PROTECTION: *CHEMICAL GOGGLES WITH SIDE SHIELDS AND/OR FULL FACE SHIELD CAN BE DESIRED TO PROTECT FACE. CONTACT LENSES ARE NOT RECOMMENDED IN CASE OF ACCIDENTAL EYE EXPOSURE.*

OTHER PROTECTIVE EQUIP.: *SAFETY EYEBATH NEARBY.*

WORK/HYGIENIC PRACTICES: *EXHIBIT NORMAL SAFE WORKPLACE HABITS.*

IX TRANSPORTATION

D.O.T. SHIPPING NAME: NOT REGULATED

X SPECIAL PRECAUTIONS / OTHER COMMENTS

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need, that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.