

BAXTER HEALTHCARE CORP,CONVER/CUST STERI/PHARM DIV -- 103 KWIK KOLD UNIT SIZE  
(SUPPLEMENTAL) -- 6530-01-145-8133

===== Product Identification =====

Product ID:103 KWIK KOLD UNIT SIZE (SUPPLEMENTAL)

MSDS Date:04/21/1995

FSC:6530

NIIN:01-145-8133

MSDS Number: BZNKY

=== Responsible Party ===

Company Name:BAXTER HEALTHCARE CORP,CONVER/CUST STERI/PHARM DIV

Address:1500 WAUKEGAN ROAD

City:MCGAW PARK

St

ate:IL

ZIP:60085

Country:US

Info Phone Num:708-473-1500

Emergency Phone Num:615-366-2000

CAGE:BAXTE

=== Contractor Identification ===

Company Name:BAXTER HEALTHCARE CORP, IV SYSTEMS DIV

Address:808 HWY 24 W

Box:City:MOBERLY

State:MO

ZIP:65270

Country:US

CAGE:0WJT3

Company Name:BAXTER HEALTHCARE CORP,CONVER/CUST STERI

Box:UNKNOW

CAGE:7T142

Company Name:BAXTER HEALTHCARE CORP/PHARMASEAL DIVISION

Address:808 HIGHWAY 24 WEST

City:MOBERLY

State:MO

ZIP:65270

Country:US

Phone:6161-726-3171

CAGE:BAXTE

Company Name:DAKOTA SPORTS INC  
Address:2802 W 41ST ST  
Box:88710  
City:SIOUX FALLS  
State:SD  
ZIP:57105-8710  
Country:US  
Phone:605-332-2131  
CAGE:0FBL1

=====  
Composition/Information on Ingredients  
=====

Ingred Name:AMMONIUM NITRATE  
CAS:6484-52-2  
RTECS #:BR9050000  
Fraction by Wt: 42.3%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 57.7%  
Other REC Limits:NONE RECOMMENDED

=====  
Hazards Identification  
=====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:AMMONIUM NITRATE:INHAL:IRRIT RESP  
TRACT,CAUSE SORE THROAT,COUGH,DIFFI BREATH,SEVERE LUNG  
CONGESTION,ACIDOSIS,METHEMOGLOBINEMIA,PULM EDEMA,CHEM  
PNEUITIS.PROL/REP EXPO CAUSE ALLERGIC RESPONSE IN RESP TR  
ACT.SKIN:IRRIT,REDNESS,PAIN,BURNS,DERM.EYE:IRRIT,REDNESS,PAIN,BURNS  
,CONJ.  
INGEST:MILD GASTRIC IRRIT,ABD (SIGN/SYMPTOMS)  
Explanation of Carcinogenicity:PER MSDS:CARCINOGEN STATUS:NONE.  
Effects of Overexposure:HEALTH HAZ:SPASMS,NAU,FAINTNESS,SYSTEMIC  
ACIDOSIS,METHEMOGLOBINEMIA  
W/CYANOSIS.METHEMOGLOBINEMIA,ANEMIA,NEPHRITIS.  
Medical Cond Aggravated by Exposure:TARGET EFFECTS FOR REACTED COLD  
PACK:NO DATA AVAILABLE.TARGET EFFECTS FOR AMMONIUM  
NITRATE:POISONING MAY AFFECT BLOOD.

=====  
First Aid Measures  
=====

First Aid

:INHAL:REMOVE TO FRESH AIR IMMED.PERFORM ART RESP IF NECESSARY.KEEP WARM/@REST.TREAT SYMPTO/SUPPORT.SKIN:REMOVE CONTAMIN CLOTH/SHOES IMMED.WASH W/SOAP/MILD DETERG/LG ATMS OF WATER TIL NO CHEM REMAINS(1 5-20MINS).EYE:WASH IMMED W/LG AMTS OF WATER/NORMAL SALINE,LIFT EYELIDS 15-20MINS.INGEST:GIVE LG AMTS OF WATER/MILK.DO NOT GIVE ANYTHING BY MOUTH IF UNCONSC/UNABLE TO SWALLOW.IN ALL CASES GET MED ATTN

=====  
===== Fire Fighting Measures =====

Ext

inguishing Media:WATER ONLY, NO DRY CHEM,CARBON DIOXIDE,HALON.LG:FLOOS AREA W/WATER FROM DISTANCE.  
Fire Fighting Procedures:MOVE CNTNR FRM FIRE AREA W/O RISK.APPLY COOLING WATER TO CNTNR SIDES EXPO TO FLAMES TIL WELL AFT FIRE IS OUT.MASSIVE FIRE IN CARGO AREA,USE UNMANNED HOSE (SUPP)  
Unusual Fire/Explosion Hazard:NEGLIGIBLE FIRE HAZARD WHEN EXPOSED TO HEAT OR FLAME.

=====  
===== Accidental Release Measures =====

Spill Release Procedures:KEEP COMBUSTI AWAY.D  
O NOT TOUCH SPILL.SM DRY  
SPILL:W/CLEAN SHOVEL PLACE INTO CLEAN DRY CNTNR;COVER;MOVE AWAY.SM  
LIQ SPILL:TAKE UP W/SAND/EARTH/OTHER ABSORBENT MATL.PLACE INTO CNTNR FOR LATER DISPO.LG SPILL:DIKE.KEEP UNNECESSARY PEOPLE AWAY.ISOLATE.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

=====  
===== Handling and Storage =====

Handling and Storage Precautions:OBSERVE ALL FED/STATE/LOC REGS WHEN STORING THIS SUBSTANCE.CONSULT NFPA PUBLICATION 43A"STORAGE OF OF LIQ/SOLID OXIDIZING MATL FOR STORAGE REQMTS".  
Other Precautions:STORE AWAY FRM HEAT.KEEP IN TIGHTLY CLSD CNTNR.STORE IN COOL DRY VENTILATED AREA.STORE AWAY FROM INCOMPATIBLE SUBSTANCES.

=====  
===== Exposure Controls/Personal Protection =====

Respiratory Protection:NO RESPIRATOR WOULD BE REQUIRED UNDER NORMAL CONDITIONS OF USE.HOWEVER AIR CONTAMIN MONITORING SHOULD BE CARRIED OUT TO ASSURE EMPLOYEES ARE NOT EXPO TO HARMFUL CONCEN OF COMPONENTS.RESP BASED O

N CONT AMIN,NIOSH/MSHA APPROVED.

Ventilation:NO ADDN VENTILATION SHOULD BE REQUIRED UNDER NORMAL CONDITIONS OF USE.EMPLOYER RESPONSIBILITY TO CONDUCT AIR MONITORING.

Protective Gloves:NOT REQUIRED BUT ARE RECOMMENDED.

Eye Protection:NOT REQUIRED BUT ARE ADVISABLE.

Other Protective Equipment:PROT CLOTHING NOT REQUIRED.AVOID REP/PROL CONTACT W/SUBSTANCE.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

PER MSDS:INFO CONTAINED IN MSDS MATERIALLY COR  
RECT FOR ALL KWIK-KOLD

INSTANT COLD PACKS. FIREFIGHT:HOLDER/MONITOR NOZZ;IF IMPOSSIBLE W/D  
FRM AREA;LET FIRE BURN.FLOOD W/WATER.COOL CNTNR W/FLOODING AMTS OF  
WATER FRM FAR DISTANCE AS POSSIBLE.AVOID BREATH VAP/DUST.EVACUATE  
TO RADIUS 2500FT FOR UNCONTRO FIRE.

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:1.225

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS SOLUTION W/SLIGHT AMMONIACAL ODOR.

Percent Volatiles by Volu

me:50

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

PEROXIDES,ACIDS,STRONG ALKALIS,CHLORIDE/METAL SALTS,PWDR  
METALS,REDUCING AGENTS,UREA,ORGANIC FUELS/MATLS,PHOSPHOROUS.

Stability Condition to Avoid:AVOID CONTACT W/COMBUSTIBLE

MATLS(WOOD,PAPER,FUEL,OILS,ETC);IGN/EXPLO MAY RESULT.AVOID CONTAMIN  
OF WATER SOURCES.

Hazardous Decomposition Products:TOXIC & CORROSIVE FUMES OF AMMONIA &  
NITRIC ACID & TOXIC OXIDES OF NITR  
OGEN.

===== Disposal Considerations =====

Waste Disposal Methods:OBSERVE ALL LOC/STATE/FED REGS WHEN DISPO  
SUBSTANCE.ACTIVATED KWIK KOLD UNIT SIZE NON-HAZ WASTE;DISPO IAW  
APPLICABLE STATE/LOC REGS.NON ACTIVATED KWIK KOLD UNIT SIZE MUST BE  
DISPO IAW STD APPLICABLE T O GENERATORS OF HAZ WASTE/HAZ  
WASTE#D001,100LB RQ.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the D

epartment

of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.