MATERIAL SAFETY DATA SHEET

PRODUCT #: 23333-1
CAS #: 2206-26-0
MF: C2D3N

NAME: ACETONITRILE-D3, 99.5 ATOM % D (CONTAINS 1% V/V TMS)

NO TOXICITY DATA AVAILABLE

IDENTIFICATION

ACUTE EFFECTS
HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.
VAPOR OR VAPOR IS IRRITATING TO THE EYES, MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT.
SYMPTOMS OF EXPOSURE MAY INCLUDE BURNING SENSATION, COUGHING,
WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA AND
VOMITING.
TARGET ORGAN(S):
CENTRAL NERVOUS SYSTEM, LIVER, KIDNEYS, BLOOD, LUNGS

FIRST AID
FLUSH SKIN WITH WATER.
CONTAMINATION OF THE EYES SHOULD BE TREATED BY IMMEDIATE AND PROLONGED
IRRIGATION WITH COPIOUS AMOUNTS OF WATER.
IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
CALL A PHYSICIAN.
REMOVE AND WASH CONTAMINATED CLOTHING PROMPTLY.
DISCARD CONTAMINATED SHOES.

PHYSICAL DATA

BOILING PT: 80.7 C
SPECIFIC GRAVITY: 0.844
APPEARANCE AND ODOR
COLORLESS LIQUID

FLASHPOINT:

42 F

EXTINGUISHING MEDIA
CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM,
WATER MAY BE EFFECTIVE FOR COOLING, BUT MAY NOT EFFECT EXTINGUISHMENT.

SPECIAL FIRE-FIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSION HAZARDS
EXTREMELY FLAMMABLE
VAPOR MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND
FLASH BACK.

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------------- FIRE AND EXPLOSION HAZARD DATA -------------  
CONTAINER EXPLOSION MAY OCCUR UNDER FIRE CONDITIONS.  
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.  

------------- REACTIVITY DATA -------------  

INCOMPATIBILITIES  
ACIDS  
BASES  
OXIDIZING AGENTS  
REDUCING AGENTS  
ALKALI METALS  
PROTECT FROM MOISTURE.  

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE,  
AND NITROGEN OXIDES.  
HYDROGEN CYANIDE  

------------- SPILL OR LEAK PROCEDURES -------------  

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED  
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY  
RUBBER GLOVES.  
EVACUATE AREA.  
SHUT OFF ALL SOURCES OF IGNITION.  
COVER WITH AN ACTIVATED CARBON ADSORBENT, TAKE UP AND PLACE IN CLOSED  
CONTAINERS. TRANSPORT OUTDOORS.  
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.  

WASTE DISPOSAL METHOD  
BURN IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND  
SCRBBER BUT EXERT EXTRA CARE IN IGNITING AS THIS MATERIAL IS HIGHLY  
FLAMMABLE.  

OBSERVE ALL FEDERAL, STATE, AND LOCAL LAWS.  

--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---  

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR. CHEMICAL-RESISTANT  
GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.  
SAFETY SHOWER AND EYE BATH.  
USE ONLY IN A CHEMICAL FUME HOOD.  
DO NOT BREATH VAPOR.  
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.  
AVOID PROLONGED OR REPEATED EXPOSURE.  
WASH THOROUGHLY AFTER HANDLING.  

LACHRYMATOR.  
IRRITANT.  
TOXIC.  
KEEP TIGHTLY CLOSED.  

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--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---

KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.
HYGROSCOPIC
HANDLE AND STORE UNDER NITROGEN.
STORE IN A COOL DRY PLACE.

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE
ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. ALDRICH SHALL NOT BE HELD
LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE
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