

AQUA-CHEM INC, WATER TECHNOLOGIES DIV -- NTP-A CLEANER,120-02337-000 --  
6850-01-362-0945

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

Product ID:NTP-A CLEANER,120-02337-000  
MSDS Date:11/01/1985  
FSC:6850  
NIIN:01-362-0945  
MSDS Number: BRFXH  
=== Responsible Party ===  
Company Name:AQUA-CHEM INC, WATER TECHNOLOGIES DIV  
Address:7800 N 113TH ST  
Box:421  
City:MILWAUKEE  
State:WI  
ZIP:53201-0421  
Country:US  
Info Phone  
Num:414-259-0600, 414-577-2841  
Emergency Phone Num:202-483-7616,800-424-9300(CHEMTREC)  
CAGE:09647  
=== Contractor Identification ===  
Company Name:AQUA-CHEM INC, WATER TECHNOLOGIES DIV  
Box:421  
City:MILWAUKEE  
State:WI  
ZIP:53201  
Country:US  
Phone:202-483-7616,800-424-9300(CHEMTREC)  
CAGE:09647

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

Ingred Name:AMINOTRIS(METHYLENEPHOSPHONIC ACID) PENTASODIUM SALT  
CAS:2235-43-0  
RTECS #:SZ9880000  
Fraction by Wt: 100%

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Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 17.8 G/KG.  
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: SLIGHTLY IRRITATING. SKIN:  
NON-TOXIC, SLIGHTLY IRRITATING. INHALATION: SLIGHTLY IRRITATING TO  
RESPIRATORY TRACT. INGESTION: NON-TOXIC.  
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION. INHALATION:  
SLIGHTLY IRRITATING TO RESPIRATORY TRAC  
T. INGESTION: NON-TOXIC.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION  
PERSISTS GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.  
WASH AREA WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION IF  
IRRITATION PE RSIST. INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN IF  
NEEDED. IF SYMPTOMS DEVELOP GET MEDICAL ATTENTION. INGES  
TION: DO  
NOT INDUCE VOMITING. DRINK A QUART OF WATER. GET MEDICAL ATTENTION.

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

Extinguishing Media:WATER.  
Fire Fighting Procedures:USE WATER SPRAY TO COOL FIRE EXPOSED  
STRUCTURES AND TANKS, AND TO DISPERSE VAPOR CLOUD IF FIRE IS NOT  
PRESENT. USE WATER TO EXTINGUISH FIRES.  
Unusual Fire/Explosion Hazard:ALTHOUGH THIS MATERIAL IS NOT FLAMMABLE  
IN AQUEOUS STATE, IT WILL BURN IN THE PRESENCE OF A STRONG IGNITION  
SOURCE AFTER THE WATER IS REMOVED.

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

Spill Release Procedures:FLOOR WILL BECOME SLIPPERY. USE CARE TO AVOID  
FALLS. DIKE AND CONTAIN SPILL WITH INERT MATERIAL, THEN TRANSFER TO  
SEPARATE CONTAINERS FOR DISPOSAL. KEEP SPILL OUT OF MUNICIPAL  
SEWERS AND NATURAL WATER WAYS.CONTACT AUTHORITIES IN EVENT OF LARGE  
SPILLS.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

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Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE AWAY FROM HEAT AND FLAMES. PRODUCT FREEZES BELOW -4F.  
Other Precautions:FOR INDUSTRIAL USE ONLY.

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

Respiratory Protection:NONE REQUIRED FOR NORMAL OPERATIONS.  
Ventilation:NORMAL ROOM VENTILATION.  
Protective Gloves:IMPERVIOUS GLOVES.  
Eye Protection:SPLASH PROOF SAFETY GOGGLES.  
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER IN WORK AREA. WHEN HANDLING LARGE AMOUNTS, USE OF APRONS AND BOOTS ARE SUGGESTED.  
Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health

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

HCC:B3  
Boiling Pt:B.P. Text:221F,105C  
Melt/Freeze Pt:M.P/F.P Text:-4F,-20C  
Spec Gravity:1.40  
Viscosity:20 CPS  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR,  
WATER WHITE TO PALE YELLOW LIQUID. FAINT AMMONIA ODOR.

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

Stability Indicator/Materials to Avoid:YES  
AVOID CONTACT WITH STRONG OXIDATING AGENTS.  
Stability Condition to Avoid:KEEP AWAY FROM HEAT OR FLAME.  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN MAY BE FORMED IF THE WATER IS COMPLETELY REMOVED.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disp

osal Considerations =====

Waste Disposal Methods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE  
AND FEDERAL REGULATIONS. IF PERMITTED, INCINERATE IN A FURNACE.

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