

MAYO CHEMICAL CO. DIV OF PENNWALT -- MAYOQUEST 1400 -- 6850-01-362-0945

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Product Identification
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Product ID:MAYOQUEST 1400

MSDS Date:06/01/1992

FSC:6850

NIIN:01-362-0945

Kit Part:Y

MSDS Number: CLFLZ

=== Responsible Party ===

Company Name:MAYO CHEMICAL CO. DIV OF PENNWALT

Address:5544 OAKDALE RD.,S.E.

City:SMYRNA

State:GA

ZIP:30082

Country:US

Info Phone Num:404-696-6711 800-962-6296

Eme

rgency Phone Num:(800)424-9300

Preparer's Name:ATIF DABDOUB, PH.D

Chemtrec Ind/Phone:(800)424-9300

CAGE:7G248

=== Contractor Identification ===

Company Name:BENTLY PACKING CORP

Address:3031WMILL RD

Box:City:MILWAUKEE

State:WI

ZIP:53209

Country:US

CAGE:0BGE6

Company Name:MAYO CHEMICAL CO. DIV OF PENNWALT

Address:5544 OAKDALE RD.,S.E.

Box:City:SMYRNA

State:GA

ZIP:30082

Country:US

Phone:404-696-6711 800-962-6296

CAGE:7G248

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Composition/Information on Ingredients
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Ingre

d Name:AMINOTRI(METHYLENEPHOSPHONIC ACID), PENTASODIUM SALT
CAS:2235-43-0
RTECS #:SZ9880000

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 17,800 MG/KG
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MAY CAUSE SLIGHT IRRITATION TO EYES, SKIN, OR RESPIRATORY TRACT. CHRONIC: NONE KNOWN OR EXPECTED AT INDUSTRIAL USE LEVEL.
Explanation of Carcinogenicity:NOT LISTED AS A CARCINOGEN BY IARC, NTP, OSHA OR ACGIH.
Effects of Overexposure:ACUTE: MAY CAUSE SLIGHT IRRITATION TO EYES, SKIN, OR RESPIRATORY TRACT. CHRONIC: NONE KNOWN OR EXPECTED AT INDUSTRIAL USE LEVEL.
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. HOLD LIDS OPN DURING WASHING. SEE PHYSICIAN IF IRRITATION OCCURS. SKIN; IMMEDIATELY FLUSH WITH WATER WHILE REMOVING CLOTHES & SHOE S. GET MEDICAL HELP IF IRRITATION OCCURS. INGESTION: DO NOT INDUCE VOMITING! DRINK QUART OF WATER. NOTHING BY MOUTH IF UNCONSCIOUS. TAKE IMMEDIATELY TO HOSPITAL OR PHYSICIAN. INHALATION: REMOVE FROM CONTAMINATED AREA. GIVE OXYGEN IF NEEDED. SEE PHYSICIAN IF IRRITATION OF EYES, SKIN OR RESPIRATORY TRACT OCCURS.

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

Flash Point:NA
Autoignition Temp:Autoignition Temp Text:NA
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:WATER SPRAY, DRY CHEMICAL, CO2, OR OTHER CLASS B EXTINGUISHING AGENT.
Fire Fighting Procedures:ELIMINATE IGNITION SOURCES. WEAR SELF CONTAINED BREATHING APPARATUS AND COMPLETE PERSONAL PROTECTIVE EQUIPMENT. 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 DOES NOT MEET THE PARAMETERS FOR FL

AMMABILITY IT WILL BURN IN THE PRESENCE OF A
STRONG IGNITION SOURCE AFTER THE WATER IS REMOVED.

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

Spill Release Procedures:CONTAIN SPILLS AND LEAKS TO PREVENT DISCHARGE
TO THE ENVIRONMENT. ABSORB SPILLAGE WITH CLAY, SAWDUST OR OTHER
ABSORBENT MATERIAL. PLACE ALL SPILLED MATERIAL, CONTAMINATED
SORBENT MATERIALS, CONTAMINATED DIRT, AND OTHER CONTAMINATED
MATERIAL IN DRUMS. INCINERATION IS RECOMMENDED. IF POSSIB

LE, IT IS

ALSO ACCEPTABLE TO CONTAIN SPILLED MATERIAL AND RECOVER IT AS A
LIQUID PRIOR TO DISPOSAL.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:FOR INDUSTRIAL USE ONLY. KEEP
CONTAINER CLOSED WHEN NOT IN USE. FREEZES BELOW 3 F.

Other Precautions:KEEP CONCENTRATED PRODUCT OUT OF SEWERS, WATERSHEDS
AND WATER SYSTEMS.

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

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Respiratory Protection:AVOID VAPOR OR MIST. USE NIOSH/MSHA APPROVED
WHEN AIRBORNE EXPOSURE IS EXCESSIVE. CONSULT RESPIRATOR MFR TO
DETERMINE APPROPRIATE TYPE EQUIPMENT FOR GIVEN APPLICATION. THE
RESPIRATOR USE LIMITATIONS SPECIFIED BY NIOSH/MSHA OR THE MFR MUST
BE OBSERVED. HIGH AIRBORNE CONCENTRATIONS MAY REQUIRE USE OF
SELF-CONTAINED BRATHING APPARATUS OR SUPPLEID AIR RESPRIATOR

Ventilation:PROVIDE VENTILATION TO MINIMIZE EXPOSURE. USE LOCAL
MECHANICAL EXH

AUST VENTILATION AT SOURCES OF AIR CONTAMINATION
SUCH AS OPEN PROCESS EQUIPMENT.

Protective Gloves:RECOMMENDED.

Eye Protection:NO SPECIAL PROTECTION REQUIRED.

Other Protective Equipment:NO DATA PROVIDED BY MANUFACTURER

Work Hygienic Practices:LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

DLA-HMIRS STAFF NOTE: KIT/KIT PART ENABLED SINCE THIS NSN IS/CAN BE A
PART OF A KIT (NSN 6850-01-423-1699 (SERIAL #: ZZZXK), A
SUBASSEMBLY OF END ITEM NSN 4610-01-371-1790

(SERIAL #: ZZZXJ).

THIS NSN IS ALSO ASSOCIATED WITH NSN 4610-01-219-8707 (END ITEM) .

HCC IS FOR NSN STAND-ALONE. HCC FOR KIT IS C1.

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

HCC:B3

Boiling Pt:=108.C, 226.4F

Melt/Freeze Pt:=-16.C, 3.2F

Vapor Pres:NE

Vapor Density:NE

Spec Gravity:1.4

pH:10-11

Viscosity:100CPS

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR SOLUTION, PALE YELLOW COLOR, AMMONIA ODOR.

Percent Volatiles by Volume:60

===== S

Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH STRONG OXIDATING AGENTS.

Stability Condition to Avoid:NO DATA PROVIDED BY MANUFACTURER

Hazardous Decomposition Products:CO, CO2, AND OXIDES OF NITROGEN MAY BE FORMED IF THE WATER IS COMPLETELY REMOVED.

Conditions to Avoid Polymerization:DOES NOT OCCUR.

===== Toxicological Information =====

Toxicological Information:AVAILABLE DATA ON CLOSELY RELATED MATERIALS

INDICATES THE FOLLOWING: ORAL LD50 (RATS): 17,800 MG/KG, PRACTICALLY NON-TOXIC; DERMAL MINIMUM LD50 (RABBIT): > 15,800 MG/KG, PRACTICALLY NON-TOXIC; EYE IRRITATION (RABBIT, 24 HR): 3.7 ON A SCALE OF 110.0, SLIGHTLY IRRITATING; SKIN IRRITATION (RABBIT, 24 HR): 0.3 ON A SCALE OF 8.0, PRACTICALLY NON-IRRITATING. OTHERS: UNKNOWN.

===== Ecological Information =====

Ecological:NO DATA PROVIDED BY MANUFACTURER.

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Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS. DISPOSAL BY INCINERATION IS RECOMMENDED. WHEN DISPOSING OF LIQUIDS, TREATMENT AT A WASTE-WATER FACILITY IS ALSO ACCEPTABLE UPON APPROVAL OF THE TREATMENT FACILITY. LANDFILL DISPOSAL MAY ALSO BE ACCEPTABLE IF THERE ARE NO FREE LIQUIDS AND IF APPROVED BY THE LANDFILL FACILITY.

===== MSDS Transport Information =====
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Transport Information:NO DATA PROVIDED BY MANUFACTURER.

===== Regulatory Information =====

SARA Title III Information:SARA SECTION 311/312 CLASSIFICATION;
HAZARDOUS.

Federal Regulatory Information:RCRA: NOT APPLICABLE. CERCLA: NOT APPLICABLE. TSCA: ALL INGREDIENTS ARE LISTED IN THE TSCA INVENTORY.

State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER

===== Other Information =====

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rovided with this information by the compiling agencies):

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