View NSN Online: https://aerobasegroup.com/nsn/6810-01-164-3975

Product ID:CITRIC ACID, ANHYDROUS

MSDS Date:03/20/1997

FSC:6810

NIIN:01-164-3975

Status Code:A

MSDS Number: CJDPK === Responsible Party ===

Company Name: MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ ZIP:08865 Country:US

Emergency Phone Num:314-539-1600

Resp.

Party Other MSDS Num.:C4735

Preparer's Name: STRATEGIC SERVICES DEV

Chemtrec Ind/Phone:(800)424-9300

CAGE:70829

=== Contractor Identification ===

Company Name: MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ ZIP:08865 Country:US

Phone:800-582-2537

CAGE:70829

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

Ingred Name: CITRIC ACID

CAS:77-92-9

RTECS #:GE7350000 Minumum % Wt:99. Maxumum % Wt:100.

======= Hazards Identification

LD50 LC50 Mixture:ORAL RAT LD50: 11700 MG//KG (ANHYDROUS)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION-CAUSES IRRITATION TO THE RESPIRATORY TRACT. INGESTION-CAUSES IRRITATION TO THE GSATROINTESTINAL TRACT. SKIN-CAUSES IRRITATION TO SKIN. EYE-HIGHLY IRRITATING, MAY ALSO BE ABRASIVE. CHRONIC: CHRONIC OR HEAVY ACUTE INGESTION MAY CAUSE TOOTH ENAMEL ER

OSION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INHALATION-SYMPTOMS MAY INCLUDE COUGHING, SHORTNESS OF BREATH. INGESTION-SYMPTOMS MAY INCLUDE NAUSEA, VOMITING AND DIARRHEA. EXTREMELY LARGE ORAL DOSAGE MAY PRODUCE GASTROINTESTINAL DISTURBANCES. CALC IUM DEFICIENCY IN BLOOD MAY RESULT IN SEVERE CASES OF IGNITION. SKIN-SYMPTOMS INCLUDE REDNESS

ITCHING AND PAIN.

Medical Cond Aggravated by Exposure: NO ADVERSE HEALTH EFFECTS EXPECTED.

First Aid:INHALATION-REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION-INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDIC AL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION. SKIN-IMMEDIATE LY FLUSH

SKIN WITH PLENTY OF WATER FOR 15 MIN. REMOVE CONTAMINATED CLOTHING & SHOES BEFORE RES UE. EYE-IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MIN, GET MEDICAL ATTENTION.

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

Flash Point: NONFLAMMABLE

Autoignition Temp:=1011.C, 1851.8F

Lower Limits:NOT GIVEN Upper Limits:NOT GIVEN

Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, OR CARBON DIOXIDE.

Fire Fighting Procedures: IN THE EVENT OF A FI

RE WEAR FULL PROTECTIVE

CLOTHING AND NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:FINE DUST DISPERSED IN AIR IN SUFFICIENTR CONCENTRATIONS AND IN THE PRESENCE OF AN IGNITION SOURCE IS A POTENTIAL EXPLOSION HAZARD.

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

Spill Release Procedures: VENTILATE AREA OF LEAK OR SPILL. WEAR APPROPIATE

PERSONAL PROTECTIVE EQUIPMENT. SWEEP UP AND CONTAINERIZE FOR RECLAMATION OR DISPOSAL.VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: KEEP IN A TIGHTLY CLOSED CONTAINER.

STORE IN A COOL, DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL

DAMAGE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTY

SINCE THEY RE

TAIN PRODUCT RESIDUES, OBSERVE ALL WARNINGS AND PRECAUTIONS LISTED FOR THE PRODUCT.

Other Precautions: AVOID CONTACT WITH EYES, SKIN AND CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory Protection: FOR CONDITIONS OF USE WHERE EXPOSURE TO DUST IS APPARENT, A DUST/MIST RESPIRATOR MAY BE WORN. FOR EMERGENCIES, A SELF-CONTAINED BREATHING APPARATUS MAY BE NECESSARY.

Ventilation:LOCAL EXHAUST AND MECHA

NICAL (GENERAL) VENTILATION TO

MAINTAIN EXPOSURE LEVELS.

Protective Gloves: IMPERVIOUS

Eye Protection:SAFETY GLASSES OR GOGGLES AND/OR FACE SHIELD WHERE DUSTING IS POSSIBLE.

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NONE SPECIFIED BY MAN

UFACTURER.
========= Physical/Chemical Properties ===========
HCC:N1
Boiling Pt:B.P. Text:NO INFORMATION Melt/Freeze Pt:=152.8C, 307.F
Vapor Pres:NOT GIVEN Vapor Density:NOT GIVEN
Spec Gravity:1.665 pH:2.2
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:60 G/100 ML Appearance and Odor:WHITE GRANULES, NO ODOR
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Stability Indicator/Materials to Avoid:YES METAL NITRATES, ALKALI CARBON ATES AND BIC ARBONATES, POTASSIUM
TARTRATE. WILL CORRODE COPPER, ZINC, ALUMINUM AND THEIR ALLOYS. Stability Condition to Avoid:HEAT, FLAMES, IGNITION SOURCES AND INCOMPATIBLES.
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE MAY FORM WHEN HEATED TO DECOMPOSITION.
========= Toxicological Information =============
Toxicological Information:ORAL RAT LD50: 3 G/KG; IRRITATION SKIN RABBIT: 500 MG/24H MILD; EYE RABBIT: 750 UG/24H SEVERE.
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ological Information ====================================
Ecological:NO INFORMATION FOUND.
=========== Disposal Considerations ===============
Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECOVERY OR RECYCLING, SHOULD BE MANAGED IN AN APPROPIATE AND APPROVED WASTE

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR RECOVERY OR RECYCLING, SHOULD BE MANAGED IN AN APPROPIATE AND APPROVED WASTE DISPOSAL FACILITY. PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WASTE MANAG EMENT OPTIONS. STATE AND LOCAL REGULATIONS MAY DIFFER FROM FEDERAL DISPOSAL REGULATIONS. DISPOSE OF CONTAINE

R AND UNUSED CONTENTS IN ACCORDANCE W/LAW.
========= MSDS Transport Information ===========
Transport Information:NOT REGULATED.
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SARA Title III Information:NO Federal Regulatory Information:NO State Regulatory Information:NO
========== Other Information ============
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