

MALLINCKRODT BAKER, INC. -- NICKELOUS CHLORIDE,6-HYDRATE,2768 -- 6810-00-201-1802

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

Product ID:NICKELOUS CHLORIDE,6-HYDRATE,2768

MSDS Date:12/08/1996

FSC:6810

NIIN:00-201-1802

MSDS Number: BDJJZ

=== Responsible Party ===

Company Name:MALLINCKRODT BAKER, INC.

Address:222 RED SCHOOL LANE

City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Info Phone Num:908-859-2151

Emergency Phone Num:908-859-2151

CAGE:HO851

=== Contractor Identific

ation ===

Company Name:MALLINCKRODT BAKER INC

Address:222 RED SCHOOL LANE

Box:City:PHILLIPSBURG

State:NJ

ZIP:08865

Country:US

Phone:800-582-2537

CAGE:HO851

Company Name:MALLINCKRODT BAKER, INC.

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CAGE:70829

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

Ingred Name:NICKELOUS CHLORIDE HEXAHYDRATE

CAS:7791-20-0

RTECS #:QR6480000

Fraction by Wt: 90- 100%

OSHA PEL:0.1 MG/M3

ACGIH

TLV:0.1 MG/M3

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:UNKNOWN OSHA:NO  
Health Hazards Acute and Chronic:INHALE-CAUSES IRRITATION TO THE  
RESPIRATORY TRACT. LUNG DAMAGE. INGEST-TOXIC. CAPILLARY DAMAGE,  
MYOCARDIAL WEAKNESS, CENTRAL NERVOUS SYSTEM DEPRESSION, KIDNEY &  
LIVER DAMAGE. SKIN-CAUSES IRRITATION, D ERMATITIS. EYE-CAUSES  
IRRITATION.  
Explanation of  
Carcinogenicity:AN IARC ANTICIPATED CARCINOGEN.  
Effects of Overexposure:INHALE-METALLIC TASTE IN MOUTH, COUGHING, SORE  
THROAT & SHORTNESS OF BREATH. INGEST-ABDOMINAL PAIN, DIARRHEA,  
NAUSEA & VOMITING, GIDDINESS. SKIN-ITCHING, REDNESS OR RASH.  
EYE-REDNESS, PAIN.  
Medical Cond Aggravated by Exposure:PERSONS WITH PREEXISTING SKIN  
DISORDERS, IMPAIRED RESPIRATORY OR PULMONARY FUNCTIONS OR WITH  
HISTORY OF STHMA, ALLERGIES OR SENSITIZATION TO NICKEL MAY BE AT  
INCREASED RISK UPON  
EXPOSURE TO SUBSTANCE.

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

First Aid:INHALE-REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL  
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN GET MEDICAL  
AID. INGEST-INDUCE VOMITING IMMEDIATELT AS DIRECTED BY MEDICAL  
PERSONNEL. GET MEDICAL AID. SKIN-IMMEDIATELY FLUSHSKIN WITH PLENTY  
OF WATER FOR 15 MIN. REMOVE CONTAMINATED CLOTHES/SHOES. GET MEDICAL  
AID. EYE-IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR  
15 MIN. GET  
MEDICAL AID

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

Flash Point:NOT RELEVANT  
Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING  
SURROUNDING FIRE.  
Fire Fighting Procedures:IN THE EVEBT OF FIRE WEAR FULL PROTECTIVE  
CLOTHING & NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WITH  
FULL FACEPIECE OPERATED IN THE PRESSURE DEMAND MODE.  
Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

===== Accid

ental Release Measures =====

Spill Release Procedures:VENTILATE AREA OF LEAK OR SPILL. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. SWEEP UP AND CONTAINERIZE FOR RECLAMATION OR DISPOSAL. VACUUMING OR WET SWEEPING MAY BE USED TO AVOID DUST DISPERSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTAINER, STORED IN A COOL, DRY, VENTILATED AREA. PROTECT AGANIST PHYSICAL DAMAGE. ISOLATE FROM INCOMPATIBLES.

Other Precautions:SOLUTIONS ARE ACIDIC. AVOID CROSS CONTAMINATION OF STREET CLOTHES. WASH HANDS BEFORE EATING.

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

Respiratory Protection:IF AIRBORNE CONCENTRATION EXCEEDS TLV, RESPIRATORY PROTECTION IS REQUIRED. AT CONCENTRATIONS UP TO 1 PPM, A NIOSH-APPROVED DUST MASK IS RECOMMENDED. ABOVE THIS LEVEL, A NIOSH-APPROVED SELF-CONTAINED B REA  
THING APPARATUS IS ADVISED.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:WEAR IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES/FACE SHIELD.

Other Protective Equipment:UNIFORM, APRON, EYEBATH, SAFETY SHOWER

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health  
TOXIC SOLID.

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

HCC:T3

NRC/State

Lic Num:NOT RELEVANT

Spec Gravity:3.55

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:COMPLETE (100%)

Appearance and Odor:GREEN CRYSTALLINE POWDER

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES  
VIOLENT REACTION WITH POTASSIUM.

Stability Condition to Avoid:SUBSTANCE WILL PICK UP MOISTURE FROM THE AIR AND GO INTO SOLUTION IF EXPOSED ON OPEN CONTAINERS.

Hazardous Decomposition Pro

ducts:OXIDES OF THE CONTAINED METAL AND  
HALOGEN, POSSIBLY ALSO FREE OR IONIC HALOGENS.  
Conditions to Avoid Polymerization:MOISTURE AND INCOMPATIBLES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE  
AND FEDERAL REGULATIONS. REPORTABLE QUANTITY (RQ) IS 100 LBS.

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