View NSN Online: https://aerobasegroup.es/nsn/6810-00-227-0409 SUB OF MALLINCKRODT CHEMICAL -- COBALT CHLORIDE: MALLINCKRODT BAKER INC. PRODUCT CODE 1670 OR 4532 -- 6810-00-227-0409 Product ID:COBALT CHLORIDE: PRODUCT CODE 1670 OR 4532 MSDS Date:12/08/1996 FSC:6810 NIIN:00-227-0409 MSDS Number: CKHFL === Responsible Party === Company Name: MALLINCKRODT BAKER INC. SUB OF MALLINCKRODT CHEMICAL Address:222 RED SCHOOL LANE Ci ty:PHILLIPSBURG State:NJ ZIP:08865 Country:US Info Phone Num:800-582-2537 Emergency Phone Num:(800)424-9300 Resp. Party Other MSDS Num.:C4928 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: COBALT(II) CHLORIDE CAS:7646-79-9 RTECS #:GF9800 000 Minumum % Wt:90. Maxumum % Wt:100. ========= Hazards Identification =============== LD50 LC50 Mixture: ORAL RAT LD50 = 80 MG/KG Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO Health Hazards Acute and Chronic: INHALATION: CAUSES IRRITATION TO THE

RESPIRATORY TRACT, RESPIRATORY HYPERSENSITIVITY, ASTHMA. INHALATION OF COBALT DUST AND FUMES IS ASSOCIATED WITH AN INCREASE INCIDENCE OF LUNG DISEASE. INGESTION: T OXIC. MAY HAVE ACCUMULATIVE TOXIC **ACTION W**

- HERE ELIMINATION CANNOT KEEP PACE WITH ABSORPTION. LARGE
 AMOUNTS DEPRESS ERYTHROCYTE PRODUCTION. SKIN: CAUSES IRRITATION TO
 SKIN. EYE CONTACT: CAUSES IRRITAT ION. CHRONIC EXPOSURE: REPEATED
 ORAL ADMINISTRATION MAY PRODUCE GOITER AND REDUCED THYROID
 ACTIVITY. PROLONGED OR REPEATED SKIN EXPOSURE MAY CAUSE DERMATITIS.
 CHRONIC EXPOSURE ASSOCIATED WITH KIDNEY, LIVER, HEART AND LUNG
 DISEASE.
- Explanation of Carcinogenicity: COBALT II CHLORIDE, CAS # 7646-79-9, IARC 2B. COBA
- LT AND ITS COMPOUNDS HAVE BEEN SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS.
- Effects of Overexposure:INHALATION: COUGHING, SHORTNESS OF BREATH, NAUSEA. INGESTION: ABDOMINAL PAIN, NAUSEA, VOMITING, FLUSHING OF FACE AND EARS, MILD HYPOTENSION, RASH, RINGING IN EARS.
- Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS, IMPAIRED LIVER, KIDNEY OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS SUBSTANCE.

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

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 MED ICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, LIFTING LIDS. GET MEDICAL ATTENTION IMMEDIATEL

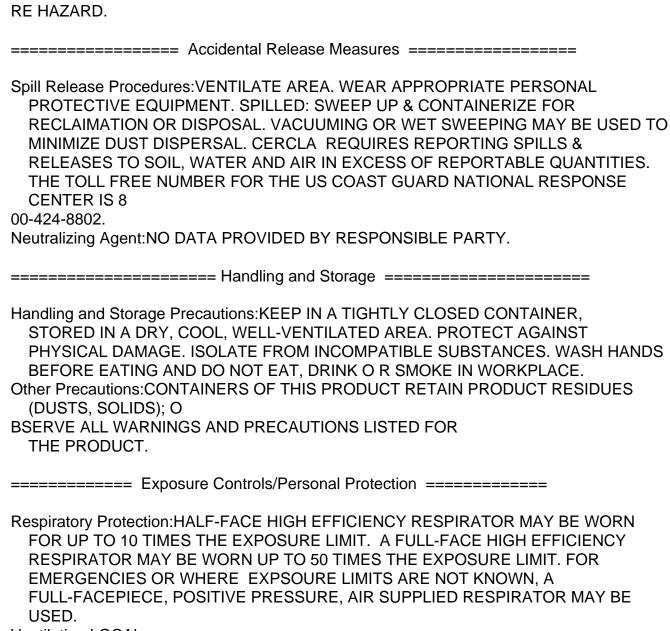
Y. SKIN: WIPE OFF EXCESS THEN IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET ATTENTION IMMEDIATELY.

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

Extinguishing Media:USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING FIRE.

Fire Fighting Procedures: USE PROTECTIVE CLOTHING AND BREATHING EQUIPMENT APPROPRIATE FOR SURROUNDING FIRE.

Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD. NOT CONSIDERED TO BE A FI



Ventilation:LOCAL

GENERAL EXHAUST IS RECOMMENDED TO KEEP EMPLOYEE EXPSOURES BELOW THE AIRBORNE EXPOSURE LIMITS.

Protective Gloves: WEAR PROTECTIVE GLOVES.

Eye Protection: CHEMICAL SAFETY GOGGLES AND/OR FULL FACE SHIELD.

Other Protective Equipment: MAINTAIN EYE WASH FOUNTAIN AND QUICK-DRENCH FACILITIES IN WORK AREA. WEAR BODY-COVERING CLOTHING.

Work Hygienic Practices:WASH CLOTHING BEFORE REUSE. THOROUGHLY CLEAN SHOES BEFORE REUSE.

Supplemental Safety and Health

WARNING: AIR-PURIFYING RESPIRATORS DO NOT

PROTECT IN OXYGEN-DEFICIENT ATMOSPHERE. ========= Physical/Chemical Properties =========== HCC:N1 NRC/State Lic Num: NOT RELEVANT Boiling Pt:=110.C, 230.F B.P. Text:LOSES 6H2O Melt/Freeze Pt:=86.C, 186.8F Vapor Pres:40 MM HG @ 770C Spec Gravity: 1.92 pH:4.6 Evaporation Rate & DIFORMATION FOUND Solubility in Water: APPRECIABLE Appearance and Odor: ODORLESS, ROSE-RED CRYSTALS. Percent Volatiles by Volume:0 ===== Stability and Reactivity Data ==== Stability Indicator/Materials to Avoid:YES STRONG OXIDIZERS, STRONG MINERAL ACIDS, TERT-BUTYL HYDROPREOXIDE, POTASSIUM AND METAL HALIDES, SODIUM DISPERSIONS. Stability Condition to Avoid: INCOMPATIBLES. Hazardous Decomposition Products: EMITS TOXIC CHLORIDES AND POSSIBLY COBALT FUMES WHEN HEATED TO DECOMPOSITION. COBALT OXIDE FUMES MAY FORM IN FIRE. Conditions to Avoid Polymerization: INCOMPATIBLES. ======== Toxicological Information ============ Toxi cological Information:ORAL RAT LD50: 80 MG/KG. INVESTIGATED AS A TUMORIGEN, MUTAGEN, REPRODUCTIVE FACTOR. CARCINOGENICITY: COBALT AND ITS COMPOUNDS HAVE BEEN SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS. Ecological: ENVIRONMENTAL FATE: NO INFORMATION FOUND. ENVIRONMENTAL TOXICITY: NO INFORMATION FOUND. ======= Disposal Considerations ============

Waste Disposal Methods: WHATEVER CANNOT BE

USED FOR RECOVERY OR

RECYCLING SHOULD BE MANAGED IN AN APPROPRIATE & APPROVED WASTE DISPOSAL FACILITY. PROCESSING, USE OR CONTAMINATION OF THIS PRODUCT MAY CHANGE THE WASTE MANAGEME NT OPTIONS. DISPOSE OF CONTAINER & UNUSED CONTENTS IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REQUIRE MENTS.

======== MSDS Transport Information =========
Transport Information:NOT REGULATED.
======== Regulatory Information ==========
SARA Title III Information:SECTIONS 302 TPQ & RQ: NOT LISTED. SECTION 313: NOT LISTED. SARA 311/312: ACUTE-YES, CHRONIC-YES, FIRE-NO, PRESSURE-NO, REACTIVITY-NO.
Federal Regulatory Information:CERCLA:1(?). RCRA 261.33-NO, TSCA

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

State Regulatory Information: NO DATA PROVIDED BY RESPONSIBLE PARTY.

8(D)-NO. CHEMICAL WEAPONS CONVENTION: NO. TSCA 12(B): NO, CDTA: NO.

Disclaimer (provided with this information by the compiling agen cies):

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