

FISHER SCIENTIFIC CO -- COBALTOUS CHLORIDE HEXAHYDRATE -- 6810-00-227-0409

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Product Identification
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Product ID:COBALTOUS CHLORIDE HEXAHYDRATE

MSDS Date:03/15/1989

FSC:6810

NIIN:00-227-0409

MSDS Number: BDKPL

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO

Address:52 FADEM RD

City:SPRINGFIELD

State:NJ

ZIP:07081-3116

Country:US

Info Phone Num:201-379-1400

Emergency Phone Num:2

01-796-7100

Preparer's Name:GASTON L. PILLORI

CAGE:94480

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC COMPANY

Address:52 FADEM ROAD.DOMESTIC DIVISION

City:SPRINGFIELD

State:NJ

ZIP:07081

Country:US

Phone:201-796-7100

CAGE:94480

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Composition/Information on Ingredients
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Ingred Name:COBALT CHLORIDE

CAS:7791-13-1

RTECS #:GG0200000

Fraction by Wt: 100%

OSHA PEL:0.1 MG/M3 (CO)

ACGIH TLV:0.05 MG/M3 (CO)

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION- DEATH, RHINITIS,
IRRITATION OF RESPIRATORY SYSTEM, TRACHEITIS. EYES- IRRITATION.
SKIN-IRRITATION, DERMATITIS. INGESTION- ABDOMINAL DISTRESS, NERVE
DEAFNESS, DEATH. CHRONIC: ASTHMA, PNEUMONITIS, DERMATITIS. DAMAGE
TO LIVER AND KIDNEYS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALA

TION: HEADACH, WEAKNESS, WHEEZING,
SNEEZING. EYES: BURNING SENSATION, STINGING. SKIN: REDNESS,
ITCHING, RASH. INGESTION: STOMACH PAIN, VOMITING, DIARRHEA, SKIN
RASH, TINNITIS.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND RESPIRATORY
CONDITIONS MAY BE AGGRAVATED.

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

First Aid:INHALATION: GET TO FRESH AIR. RESUSCITATE IF NEEDED. SKIN:
REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER FOR
20
MINUTES. EYE: WASH FOR 20 MINUTES. INGESTION: IF CONSCIOUS, GIVE 2
TO 4 GL ASSES OF WATER AND INDUCE VOMITING. SEEK MEDICAL ATTENTION
FOR ALL THE ABOVE CONDITIONS.

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

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE GEAR. MOVE CONTAINERS FROM FIRE IF IT CAN BE DONE
AT NO RISK. DO NOT SCATTER
SPILLED MATERIAL.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:OCCUPATIONAL SPILL: WHEN NOT INVOLVED IN FIRE,
DO NOT ALLOW MATERIAL TO CONTAMINATE SEWERS AND WATER SOURCES.
ABSORB MATERIAL IN INERT ABSORBANT AND PLACE IN CONTAINER FOR
DISPOSAL.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STO

RE AWAY FROM INCOMPATIBLE

MATERIALS. KEEP IN TIGHTLY CLOSED CONTAINER. STORE IN A COOL, DRY AREA.

Other Precautions:IMMEDIATELY DEADLY TO LIFE AND HEALTH (IDLH) CONDITIONS = 20 MG/M3 (CO). POISONING MAY AFFECT LIVER, KIDNEYS, BLOOD, RESPIRATORY, CARDIOVASCULAR, ENDOCRINE, GATROINTESTINAL, AND NERVOUS SYSTEMS. SKIN SENSITIZER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST AND MISTS.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:CLOTHING TO PREVENT PROLONGED OR REPEATED CONTACT. EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:PRACTICE GOOD PERSONAL HYGENE AFTER USE. DO NOT EAT, DRINK, OR SMOKE UNTIL HANDS ARE WASHED.

Supplemental Safety and Health

DO NOT WEAR CONTACT LENSES WHEN USING.

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

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HCC:N1

Boiling Pt:B.P. Text:1920F,1049C

Melt/Freeze Pt:M.P/F.P Text:189F,87C

Spec Gravity:1.9

pH:4.2

Solubility in Water:APPRECIABLE

Appearance and Odor:PINK TO RED,SLIGHTLY DELIQUESCENT,PRISMATIC CRYSTL

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

Stability Indicator/Materials to Avoid:YES

METALS, POTASSIUM, AND SODIUM. STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:EXCESSIVE HEAT, SPARKS, OPEN FLAME.

Hazardous Decomposition Products:TOXIC OXIDES OF COBALT

AND CORROSIVE
FUMES OF CLORINE.

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

Waste Disposal Methods:CONTACT LOCAL ENVIRONMENTAL MANAGER. DIPOSE OF
IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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