

184 SODIUM CYANIDE

MSDS Number

BBKBF

National Stock Number

6810-00F001848

Product Name

184 SODIUM CYANIDE

Manufacturer

HACH COMPANY

Product Identification

Product ID:184 SODIUM CYANIDE

MSDS Date:04/12/1990

FSC:6810

NIIN:00F001848

MSDS Number: BBKBF

Responsible Party

HACH COMPANY

100 DAYTON AVENUE

AMES , IA 50010

US

Emergency Phone: 515-232-2533/303-623-5716

Info Phone: 515-232-2533/800-227-4224

Cage: 4T252

Contractor

HACH COMPANY

907

AMES, IA 50010

US

800-227-4224

Cage: 4T252

Ingredients

SODIUM CYANIDE

CAS: 143-33-9

RTECS: VZ7525000

Fraction By Weight: 100%

OSHA PEL5 MG/CUM (SKIN)

ACGIH TLV: 5 MG/CUM (SKIN)

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:PRODUCT IS SUPER TOXIC & AFFECTS THE
BRAIN THROUGH INGESTION & INHALATION RESULTING IN DEATH. CHRONIC:

PRODUCT IS EXTREMELY TOXIC & AFFECTS THE CNS THROUGH INGESTION, INHALATION & SKIN ABSORPTION RESULTING IN DEATH.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:ANXIETY, CONFUSION, VERTIGO, GIDDINESS, IRREGULAR PULSE, UNCONSCIOUSNESS, CONVULSIONS

First Aid

First Aid:EYES/SKIN: IMMEDIATELY FLUSH W/WATER FOR 15 MINS.

INGESTION/INHALATION: BREAK AN AMYL NITRITE PEARL IN CLOTH & HOLD LIGHTLY UNDER NOSE FOR 15 SECONDS. REPEAT EVERY 5 MINS. ADMINISTER ARTIFICIAL RESPIRATION W/100% OXYGEN. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Extinguishing Media:WATER

Unusual Fire/Explosion Hazard:MAY EMIT TOXIC & FLAMMABLE VAPORS.

Accidental Release

Spill Release Procedures:ADD W/STIRRING, A LARGE EXCESS OF STRONGLY ALKALINE CALCIUM HYPOCHLORITE SOLUTION. AFTER REACTING 24 HOURS, DRAIN INTO THE SEWER W/A LARGE EXCESS OF WATER.

Handling

Handling and Storage Precautions:DON'T ENTER STORAGE AREAS UNLESS ADEQUATELY VENTILATED. PROTECT FROM MOISTURE. AVOID CONTACT W/EYES, SKIN & CLOTHING. DON'T BREATHE CHEMICALS.

Other Precautions:ALWAYS HAVE ON HAND A CYANIDE FIRST AID KIT.

Exposure Controls

Ventilation:FUME HOOD

Protective Gloves:RUBBER

Eye Protection:LAB GRADE GOGGLES

Other Protective Equipment:LAB COAT

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. REMOVE & LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

PH: AQUEOUS SOLUTION: ALKALINE.

Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:1045.4F

Vapor Pres:1

Spec Gravity:1.6

pH:SUPP

Solubility in Water:COMPLETE

Appearance and Odor:WHITE CRYSTALLINE POWDER W/ALMOND-LIKE ODOR

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS SUCH AS NITRATES & CHLORATES, ACIDS & ACID SALTS

Stability Condition to Avoid:CLOSED CONTAINERS & STORAGE AREAS

Hazardous Decomposition Products:TOXIC & FLAMMABLE VAPORS OF CYANIDE & SODIUM OXIDE, HYDROGEN CYANIDE

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

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