SIGMA CHEMICAL CO -- CETLYPYRIDINIUM CHLORIDE CRYSTALLINE, C9002 --
6810-00N012004

Product Identification

Product ID: CETLYPYRIDINIUM CHLORIDE CRYSTALLINE, C9002
MSDS Date: 07/14/1986
FSC: 6810
NIIN: 00N012004
MSDS Number: BJFLR

Company Name: SIGMA CHEMICAL CO
Address: 3500 DEKALB ST
City: ST LOUIS
State: MO
ZIP: 63178
Country: US
Emergency Phone Num: 314-771-5765

Contractor: Identification
Company Name: SIGMA CHEMICAL COMPANY
Address: 3050 SPRUCE ST
City: ST LOUIS
State: MO
ZIP: 63178
Country: US
Phone: 314-771-5765
CAGE: 21076

Composition/Information on Ingredients

Ingredient: PYRIDINIUM, 1-HEXADECYL-, CHLORIDE, MONOHYDRATE
CAS: 6004-24-6
RTECS #: UU5075000

Fraction by Wt: 100%

Hazards Identification

LD50 LC50 Mixture: LD50: (ORAL) 400 MG/KG (RABBIT)
Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO

Health Hazards Acute and Chronic:
ACUTE: HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. CAUSES IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. CHRONIC: MAY CAUSE SKIN SENSITIZATION.

Explanation of Carcinogenicity: NOT RELEVANT

Effects of Overexposure: SEE HEALTH HAZARDS.
Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid Measures

First Aid: IF SWALLOWED, WASH OUT MOUTH WITH WATER. CALL MD. IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAM CLOTH & SHOES AND CALL MD. IF INHAL: REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFF, CALL MD. IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MIN. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL MD.

Extinguishing Media: "ALCOHOL" FOAM, DRY POWDER, OR CARBON DIOXIDE
Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release Measures

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. CAREFULLY SWEEP UP AND REMOVE. FLUSH SPILL AREA WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling and Storage

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL, DRY, WELL VENTILATED AREA.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls/Personal Protection

Respiratory Protection:WEAR NIOSH/MSHA APPROVED DUST RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN.
Ventilation:USE IN MECHANICALLY EXHAUSTED AREA.
Protective Gloves:COMPATIBLE CHEMICAL RESISTANT
Eye Protection:CHEMICAL WORKERS GOGGLES
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, SMOKING OR USING SANITARY FACILITIES.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

Melt/Freeze Pt:M.P/F.P Text:176F,80C
Solubility in Water:WATER SOLUBLE
Appearance and Odor:WHITE POWDER WITH FAINT YELLOW CAST; SLIGHT CHARACTERISTIC ODOR, BITTER TASTE

Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES
STRONG ALKALIES AND/OR OXIDIZING AGENTS.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:HYDROGEN CHLORIDE, CARBON MONOXIDE, AND NITROGEN OXIDE.

Disposal Considerations

Waste Disposal Methods:INCINERATE IN A FURNACE PROVIDING LOCAL ENVIRONMENTAL REGULATIONS PERMIT. OBSERVE ALL FEDERAL, STATE AND LOCAL LAWS.

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