

CITY CHEMICAL LLC -- POTASSIUM HYDROXIDE ACS PELLETS -- 6810-00-234-8366

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

Product ID:POTASSIUM HYDROXIDE ACS PELLETS

MSDS Date:01/01/1997

FSC:6810

NIIN:00-234-8366

Status Code:A

MSDS Number: CKPMR

=== Responsible Party ===

Company Name:CITY CHEMICAL LLC

Address:139 ALLINGS CROSSING ROAD

City:WEST HAVEN

State:CT

ZIP:06516

Country:US

Info Phone Num:800-248-2436

Emer

gency Phone Num:800-248-2436

CAGE:1GKT4

=== Contractor Identification ===

Company Name:CITY CHEMICAL LLC

Address:139 ALLINGS CROSSING ROAD

Box:City:WEST HAVEN

State:CT

ZIP:06516

Country:US

Phone:800-248-2436/203-932-2489

Contract Num:SP0450-00-M-SE43

CAGE:1GKT4

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

Ingred Name:POTASSIUM HYDROXIDE

CAS:1310-58-3

RTECS #:TT2100000

= Wt:100.

ACGIH STEL:C2 MG/M3

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

=====
Hazards
=====

Identification =====

LD50 LC50 Mixture:ORAL-RAT LD50: 273 MG/KG

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

Health Hazards Acute and Chronic:HARMFUL BY INHALATION, CONTACT WITH SKIN, & IF SWALLOWED. REACTS VIOLENTLY WITH WATER. ACUTE: CAUSES BURNS. INHALATION MAY RESULT IN SPASMS, INFLAMATION & EDEMA OF THE LARYNX & BRONCHI, CHEMICAL PNEUMONITIS & PULMONARY EDEMA. MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES & UPPER RESPI

RATORY TRACT, EYES & SKIN.

Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Effects of Overexposure:BURNING SENSATION, WHEEZING, LARYNGITIS, SHORTNESS OF BREATH, HEADACHE, NAUSEA & VOMITING.

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

First Aid:SWALLOWED: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN IMMEDIATELY. INHALED: REMOVE TO FRESH

AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINS. REMOVE CONTAMINATED CLOTHING & SHOES. CALL A PHYSICIAN. EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINS. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

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

Flash Point:NONE PROVIDED BY

Autoignition Temp

mp:Autoignition Temp Text:NONE PROVIDED

Lower Limits:NONE PROVIDED

Upper Limits:NONE PROVIDED

Extinguishing Media:NON-COMBUSTIBLE.DO NOT USE WATER. USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN & EYES.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS. MAY REACT WITH METALS, RELEASING FLAMMABLE HYDROGEN GAS.

===== Accidents =====

tal Release Measures =====

Spill Release Procedures:WEAR SELF CONTAINED BREATHING APPARATUS, RUBBER BOOTS & HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG & HOLD FOR WASTE DISPOSAL. VENTILATE AREA & WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE. EVA CUATE AREA.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY. DLA-HMIS: WEAK ACID SOLUTION.

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

Handling and Storage Precautions:KEEP TIGHTLY CLOSED. STORE IN A COOL

DRY PLACE. DO NOT BREATHE DUST. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE.

Other Precautions:NONE PROVIDED BY MFR.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation:USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:COMPATIBLE CHEMICAL-RESISTANT GLOVES

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:SAFETY SHOWER & EYE BATH

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE.

DISCARD CONTAMINATED SHOES. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

HCC:B1

Melt/Freeze Pt:=-361.C, 681.8F

Vapor Pres:1 MMHG

Spec Gravity:2.044

Appearance and Odor:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Stability Indicator/Mater

ials to Avoid: YES

WATER, TIN, NITRO COMPOUNDS, ZINC, ORGANIC MATERIALS, MAGNESIUM, COPPER.

Stability Condition to Avoid: ABSORBS CO2 FROM AIR. HEAT IS SOLUTION IF VERY HIGH & WITH LIMITED AMOUNTS OF WATER, VIOLENT BOILING MAY OCCUR. DO NOT HEAT ABOVE MELTING POINT.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE.

Conditions to Avoid Polymerization: WILL NOT OCCUR

===== Toxicological Information =====

Toxicological Information: ACUTE EFFECT

S: CAUSES BURNS. MAY BE HARMFUL

IF ABSORBED THROUGH THE SKIN. MAY BE HARMFUL IF INHALED. MAY BE HARMFUL IF SWALLOWED. INHALATION MAY RESULT IN SPASM, INFLAMMATION AND EDEMA OF THE LARYNX AND BRONCHII, CHEMICAL PNEUMONITIS AND PULMONARY EDEMA. MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT, SKIN AND EYES. IRRITATION DATA: SKIN RBT 50 MG/24H-S EV. EYE RBT 1 MG/24H-SEV.

===== Ecological Information =====

=====

Ecological: DATA NOT YET AVAILABLE.

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

Waste Disposal Methods: CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. OBSERVE ALL FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information: CONTACT CITY CHEMICAL LLC FOR TRANSPORTATION INFORMATION.

===== Regulatory Information =====

=====

SARA Title III Information: NO DATA PROVIDED BY RESPONSIBLE PARTY.

Federal Regulatory Information: EPA FIFRA 1988 PESTICIDE SUBJECT TO REGISTRATION OR RE-REGISTRATION, EPA TSCA SECTION 8(B) CHEMICAL INVENTORY. EPA TSCA SECTION 8(E) RISK NOTIFICATION, 8EHQ-0892-9197. EPA TSCA TEST SUBMISSION (TSCATS) DATA BASE, DECEMBER 1999.

State Regulatory Information: NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Disc

laimner (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.