

CALDWELL CHEMICAL CO INC. -- SCALE REMOVING COMPOUND TYPE II -- 6850-00-949-1397

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

Product ID:SCALE REMOVING COMPOUND TYPE II

MSDS Date:12/01/1987

FSC:6850

NIIN:00-949-1397

MSDS Number: BFYVG

=== Responsible Party ===

Company Name:CALDWELL CHEMICAL CO INC.

Address:2400 FREDRICK AVENUE

Box:4432

City:BALTIMORE

State:MD

ZIP:21223

Country:US

Info Phone Num:301-945-8999

Emergency Phone Num:301-945-8999

CAGE:68870

=== Contractor Identification ===

Company Name:CALDWELL CHEMICAL CO INC.

Address:2400 FREDRICK AVENUE

Box:City:BALTIMORE

State:MD

ZIP:21223

Country:US

Phone:301-945-8999

CAGE:68870

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

Ingred Name:PHOSPHORIC ACID (SARA III)

CAS:7664-38-2

RTECS #:TB6300000

Fraction by Wt: 30.0%

OSHA PEL:1 MG/M3/3 STEL

ACGIH TLV:1 MG/M3/3 STEL; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name

:UNIDENTIFIED COMPONENTS

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:UNKNOWN Ingestion:YES
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN AND
RESPIRATORY OR G.I.TRACT. CHRONIC:NO DATA AVAILABLE.
Effects of Overexposure:IRRITATION OF EYES,SKIN AND RESPIRATORY OR
G.I.TRACT:NO CHRONIC HEALTH EFFECTS WERE KNOWN.
Medical Cond Aggravated by Exposure:NO DATA AVAILABLE.

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

First Aid:EYES:IMMEDIATELY FLUSH EYES WITH WATER.CALL MEDICAL
ATTENTION. SKIN:WASH WITH SOAP AND WATER. INHALATION:REMOVE TO
FRESH AIR. INGESTION:GIVE WATER OR GLASS OF MILK AND CALL A
PHYSICIAN AT ONCE.

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

Flash Point:132F/55-5C
Extinguishing Media:WATER FOG,FOAM,CO*2,DRY CHEMICAL
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED RESPIRATOR FOR ACID
MIST/VAPORS OR IN AN ENCLOSED AREA.
Un
usual Fire/Explosion Hazard:CONTACT WITH METALS PRODUCES HYDROGEN
GAS;USE SCBA.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;USE SAND,
NEUTRALISE WITH LIMESTONE OR SODA ASH AND RECOVER FOR PROPER
DISPOSAL.
Neutralizing Agent:LIMESTONE OR SODA ASH

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

Handling and Storage Precautions:STORE IN COOL,DRY AND WELL VENTILATED
AREA.AVOID EXTR

EME HEAT AND ALKALIES.

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

Respiratory Protection:WEAR NIOSH/MSHA APPROVED RESPIRATOR FOR VAPORS/MIST (ACID)IF ABOVE TLV/PEL.

Ventilation:LOCAL OR GENERAL TO MAINTAIN ADEQUATE VENTILATION.

Protective Gloves:IMPERVIOUS (RUBBEROR NEOPRENE)

Eye Protection:CHEMICAL GOGGLES AND FACE SHIELD

Other Protective Equipment:EYE WASH,SAFETY SHOWER,APPRON BOOTS(FULL SKIN PROTECTION)

Work Hygienic Practices:AVOID CONTACT WITH EYES& SKIN.

DO NOT BREATHE

VAPORS OR MIST.WASH THOROUGHLY AFTER EACH USE.

Supplemental Safety and Health

MSDS RECEIVEDBY THE DGSC-SLM:08JAN,1988

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

HCC:F6

Boiling Pt:B.P. Text:140F/60C

Vapor Pres:6 0

Spec Gravity:1.210

Solubility in Water:COMPLETE (100%)

Appearance and Odor:COLORLESS AND ODORLESS

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS,BASES,REACTI

VE METALS.

Stability Condition to Avoid:EXTREME HEAT,OPEN FLAMES.ALKALIES,COMMON METALS.

Hazardous Decomposition Products:HYDROGEN GAS-PHOSPHORIC OXIDE

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

Waste Disposal Methods:DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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