

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:301-945-899

9

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 Nam

e: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.
U
nusual 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 EXT

REME 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,REACT

IVE 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.

Disclaimer (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.