

Product Name: CAL-PLEX 13**Product ID # 78**

Section I MANUFACTURER'S INFORMATION

Manufacturer's Name & Address

NAP Chemical
821 S. Chestnut
Pasco, Washington 99301Emergency Telephone Number:
Number for Information:
Date Prepared:509547-8234
509-547-8234
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Section II PRODUCT IDENTIFICATION

Product name: cal-plex 13

Common synonyms: calcium dichloride, road salt.

Chemical family: calcium chloride cacl2

Formula: cacl₂ calcium chloride

Formula wt.: n/a

Niosh/rtecs no.: gl8900000

Health - 2 moderate

Flammability - 0 none

Reactivity - 0 none

Contact - 2 moderate

U.S. Precautionary Statement

Warning: causes irritation. Harmful if swallowed. Avoid contact with eyes, skin, clothing. Keep in tightly closed container. Use with adequate ventilation. Washing thoroughly after handling.

International StatementHarmful if swallowed. Irritating to respiratory system and skin. After contact with skin, washing immediately with plenty of soap and water. If irritation occurs, get medical attention.

Section III PHYSICAL DATA

Boiling Point: @ 760 mm Hg 115.5 C

Vapor Pressure(MMGH) : N/A

Melting Point: 653 c (1207 F) Decomposes
(AT 760 MM HG)

Vapor Density(AIR=1): N/A

Specific Gravity: (H2O=1): 1.24-1.34

Evaporation Rate: N/A

Solubility (H2O): AppreciableE (10%) % Bolatiles by Volume: 0 (21 C)

Ph: 8 @ 100 GM/L (Range 8-9)

Physical State: Liquid

Coefficient Water/Oil Distribution: N/A

Apperance and Odor: Yellow liquid, slight odor

Section IV FIRE AND EXPLOSION DATA

Flash point (closed cup):

n/a

auto ignition temperature: n/a

Flammable limits:

upper - n/a

Fire extinguishing media

lower - n/a

Extinguishing media appropriate for surrounding fire.

Special fire-fighting procedures

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Unusual fire & explosion hazards: note: decomposes at melting point.Toxic gases produced:Explosion data-sensitivity to mechanical impact: none identified.Explosion data-sensitivity to static discharge: none identified.

Section V HEALTH AND HAZARD DATA

Threshold limit value (tlv/twa): 1 mg/m3

Tlv is for calcium, dusts and mists, as cu.

Short-term exposure limit (stel): not established.

Permissible exposure limit (pel): 1 mg/m3

Carcinogenicity: none identified.

Productive effects none identified.

Effects of overexposure

Inhalation: inhalation of mist may cause irritation of the respiratory tract.

Skin contact: irritation

