

Product Name: CAL-PLEX 12
Product ID # 66

Section I MANUFACTURER'S INFORMATION

Manufacturer's Name & Address

NAP Chemical
 821 S. Chestnut
 Pasco, Washington 99301

Emergency Telephone Number: 509547-8234
 Number for Information: 509-547-8234
 Date Prepared: January 9, 1994

Section II PRODUCT IDENTIFICATION

Product name: cal-plex 12
 Common synonyms: calcium dichloride, road salt.
 Chemical family: calcium chloride cacl2
 Formula: cacl 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 statement

Harmful 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 VAPOR DENSITY (AIR=1): N/A
 (AT 760 MM HG)
 SPECIFIC GRAVITY: (H2O=1): 1.24-1.34 EVAPORATION RATE: N/A
 SOLUBILITY (H2O): APPRECIABLE (10%) % BOLATILES BY VOLUME: 0 (21 C)
 Ph: 8 @ 100 GM/L (Range 8-9) PHYSICAL STATE: LIQUID
 COEFFICIENT WATER/OIL DISTRIBUTION: N/A
 APPEARANCE & 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

