

OM0306

HILLSBORO ELEMENTARY SCHOOLS

215 E. 5th Ave.
HILLSBORO, OR 97123

MATERIAL SAFETY DATA SHEET

CM 0223

Simplot

MATERIAL SAFETY DATA

1132

SECTION 1. IDENTIFICATION

DATE: 10/09/85

MANUFACTURER, OR FORMULATOR: J. R. Simplot Company

PRODUCT NAME: Urea Fertilizer 46-0-0

ADDRESS: P. O. Box 912
Pocatello, ID 83204COMMON NAME: Urea - Prilled
Urea, CarbamideEMERGENCY PHONE NO.: (208) 232-6620
CHEMTREC: (800) 424-9300

CHEMICAL TYPE: Organic Base

SECTION 2. SHIPPING DATA

SHIPPING NAME: Not regulated by D.O.T.

C.A.S. NUMBER: 57-13-6

HAZARD CLASS: None

D.O.T. NUMBER: None

REPORTABLE QUANTITY (RQ): None

HAZARDOUS WASTE NO.: None

LABELS REQUIRED: None

E.P.A. REGISTRATION NO.: None

PLACARD: None

SECTION 3. HAZARDOUS INGREDIENTS

CHEMICAL NAME AND SYNONYMS

CHEMICAL FORMULA

WT%

TLV

LD₅₀*

NON-HAZARDOUS

Urea

CO(NH₂)₂

98.7

10 mg/M³
Nuisance Dust

NONE LISTED

*ORAL LD-50, mg/kg, male rat

SECTION 4. PHYSICAL PROPERTIES

BOILING POINT: Not Applicable

SOLUBILITY IN WATER: 67 gm/100 gm H₂O

MELTING POINT: 271°F

% VOLATILES (BY VOLUME): Not Applicable

DENSITY: 1.335

VAPOR PRESSURE, mm HG: Not Applicable

BULK DENSITY: 46 lbs./cu. ft.

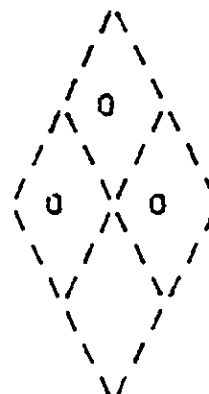
HAZARD RATING (NFPA)

pH: 10% solution: 7.2

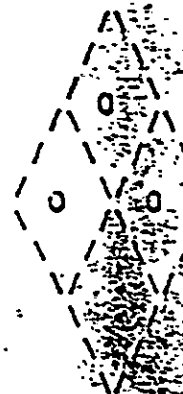
APPEARANCE: White prills or granules

FLASH POINT: Non-Flammable

ACTION WITH WATER: None

EXTINGUISHING MEDIA: Water to cool fire exposed
surfaces. Media suitable
to extinguish source of fire.

NON-FIRE



FIRE

SEE ALSO SECTIONS 7 TO 10

TRADE NAME: : Urea Fertilizer 46-0-0

REGISTRATION NO.: None

DATE: 10/09/85

SECTION 5 - HEALTH HAZARD DATA

INGESTION: Toxicity Data: Oral-domestic animal LDLo: 511 mg/kg.
Oral-rat TDLo: 821 gm/kg/1Y-C:NEJ
Oral-mouse TDLo: 394 gm/kg/1Y-C:CAR

INHALATION: Possible irritation as a nuisance dust.

SKIN ABSORPTION: Toxicity Data: Skin-human 22 mg/30-I MLD
scu-dog LDLo: 3000 mg/kg; scu-rabbit LDLo: 3000 mg/kg.
ivn-dog LDLo: 3000 mg/kg; ivn-rabbit LDLo: 4800 mg/kg.

SKIN CONTACT: Low skin irritation potential.

EYE CONTACT: Low eye irritation potential.

EFFECTS OF OVERDOSE:

Generally regarded as safe as a human food ingredient by the Food & Drug Administration (Federal Register Vol. 48; No. 219; Nov. 10, 1983.).

INGESTION: Not considered toxic and is used medically as a diuretic.

INHALATION: May cause slight irritation to respiratory tract from dust.

EYES: May cause irritation to eyes.

SKIN: May be irritating to skin with prolonged contact.

AMURIA IN ANIMALS: Absence or defective excretion of urine.

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION: If large quantity is ingested, give 2-3 glasses of water and induce vomiting.

INHALATION: Remove to fresh air.

EYES: Flush eyes with fresh running water.

SKIN: Wash skin thoroughly with mild soap and water.

SECTION 6 - PERSONAL PROTECTION DATA

VENTILATION: Natural ventilation. Good ventilation practices should be exercised.

RESPIRATORY PROTECTION: None required. Dust mask can be worn in a very dust environment.

PROTECTIVE CLOTHING: Clean work clothing and impermeable gloves.

EYE PROTECTION: Safety glasses with side shields, chemical goggles and/or face shield.

OTHER: Eyewash fountain in area.