

PLATTE CHEMICAL CO., UNITED AGRA PRODUCTS -- CLEAN CROP CARBARYL 4 L INSECTICIDE --
6840-01-104-0887

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

Product ID:CLEAN CROP CARBARYL 4 L INSECTICIDE

MSDS Date:03/02/1995

FSC:6840

NIIN:01-104-0887

MSDS Number: BWZMK

=== Responsible Party ===

Company Name:PLATTE CHEMICAL CO., UNITED AGRA PRODUCTS

Address:150 S. MAIN ST.

City:FREMONT

State:NE

ZIP:68025-5674

Country:

US

Info Phone Num:303-356-4400

Emergency Phone Num:303-356-4400

CAGE:65551

=== Contractor Identification ===

Company Name:EHRLICH J C CHEMICAL CO INC

Address:500 SPRING RIDGE DR

Box:City:READING

State:PA

ZIP:19612-3848

Country:US

Phone:610-372-9700/FAX: 610-378-9744

CAGE:8C885

Company Name:PLATTE CHEMICAL CO., UNITED AGRA PRODUCTS

Address:150 S. MAIN ST.

Box:City:FREMONT

State:NE

ZIP:68025-5674

Country:US

Phone:303-356-4400/INFO 402-727-8222

CAGE:65551

===== Composition/Information on

Ingredients =====

Ingred Name:CARBARYL (SEVIN) (SARA 313) (CERCLA)

CAS:63-25-2

RTECS #:FC5950000

Fraction by Wt: 43.2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9495

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:INERT INGREDIENTS

Fraction by Wt: 56.8%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 230 MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS, RESPIRATORY & GI TRACTS. ACUTE- MAY BE FATAL IF SWALLOWED. HARMFUL IF ABSORBED THROUGH SKIN OR INHALED. CAUSES EYE IRRITATION & BLURRED VISION. CAUSES REVERSIBLE CHOLINE STERASE INHIBITION. IN SEVERE POISONING, RESPIRATORY DEPRESSION & CONVULSIONS MAY OCCUR. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:NAUSEA, VOMITING, ABDOMINAL PAIN, DIARRHEA,

PINPOINT PUPILS, BLURRED VISION, PROFUSE SWEATING, SALIVATION, TREMOR, MUSCLE TWITCHING, TEMPORARY PARALYSIS, IRRITATION, RESPIRATORY DEPRESSION, CONVULSIONS, TEARING AND REDNESS

Medical Cond Aggravated by Exposure:MAY AGGRAVATE EXISTING CHRONIC CARDIOVASCULAR OR RESPIRATORY DISEASE, LEADING TO RESPIRATORY DIFFICULTY, PULMONARY EDEMA AND CYANOSIS.

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

First Aid:GET MEDICAL HELP IMMEDIATELY

ATELY IN ALL CASES OF POISONING.

EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN.
SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE
CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, DRINK 1-2 GLASSES OF
WATER & INDUCE VOMITING. NEVER INDUCE VOMITING/GIVE ANYTHING BY
MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN/POISON CONTROL
CENTER IMMEDIATELY.

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

Flash Point Method:COC

Flash

Point:380F,193C

Lower Limits:0.02 OZ/CUFT

Extinguishing Media:CARBON DIXOIDE OR DRY CHEMICAL FOR SMALL FIRE;
WATER SPRAY OR FOAM FOR LARGE FIRES.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-
APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE
OPERATED IN THE POSITIVE PRESSURE MODE. STAY UPWIND.

Unusual Fire/Explosion Hazard:CONTAINER MAY BURST. IF WATER IS USED TO
FIGHT FIRE OR COOL CONTAINERS, CONTAIN RUN-OFF BY DIKING TO PREVENT
CONTAMINATI

ON OF WATER SUPPLIES (MARINE POLLUTANT).

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

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE CLOTHING AND
EQUIPMENT. ABSORB SPILLS WITH CLAY AND TRANSFER TO PROPER CONTAINER
FOR LATER DISPOSAL. MARINE POLLUTANT. DO NOT FLUSH TO SEWER. DO NOT
CONTAMINATE ENVIRONMENT . DECONTAMIANTE TOOLS AND EQUIPMENT.

Neutralizing Agent:NOT RELEVANT

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

Handling and

Storage Precautions:STORE UNUSED PRODUCT IN ORIGINAL
CONTAINER ONLY, IN COOL, DRY AREA OUT OF REACH OF CHILDREN AND
ANIMALS. DO NOT STORE WHERE TEMPERATURES EXCEED 100F.

Other Precautions:THIS PRODUCT IS EXTREMELY TOXIC TO AQUATIC AND
ESTUARINE INVERTEBRATES. DO NOT CONTAMINATE WATER, FOOD OR FEED BY
STORAGE OR DISPOSAL. AVOID CONTAMINATING WATER BY CLEANING OF
EQUIPMENT OR DISPOSAL OF WASTE. DO NOT INGEST. AVOID ANY CONTACT

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===== Exposure Controls/Personal Protec

tion =====

Respiratory Protection:WEAR A NIOSH-APPROVED RESPIRATOR FOR CARBAMATE PESTICIDES DUST OR MIST WHEN HANDLING SPILLS OR LEAKS, OR WHEN AIRBORNE CONCENTRATIONS EXCEED ALLOWABLE EXPOSURE LIMITS.

Ventilation:MECHANICAL (GENERAL) VENTILATION. USE LOCAL EXHAUST FOR CONFINED WORK AREAS.

Protective Gloves:RUBBER OR LATEX

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, LONG PANTS, LONG-SLEEVED SHIRT, HAT, RUBBER BOOTS

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health

NOTE TO PHYSICIAN: CARBARYL IS A CHOLINESTERASE INHIBITOR. IF SWALLOWED, GASTRIC LAVAGE MAY BE PERFORMED. IN MILD CASES OF POISONING, 1-2 MG OF ATROPINE SULFATE MAY BE INJECTED INTRAMUSCULARLY EVERY 10 MINUTES UNTIL FULLY ATROPINIZED. IN SEVERE CASES, USE 2-4 MG EVERY 10 MINUTES. AVOID NARCOTICS, OTHER SEDATIVE, 2-PAM.

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

HCC:T4

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:212F,100C

Decomp Temp:Decomp Text:>100F,>38C

Vapor Pres:17.8 @ 68F

Vapor Density:APPROX 0.6

Spec Gravity:1.11

pH:4.2

Evaporation Rate & Reference: