

DREXEL CHEMICAL CO -- CARBARYL 4L -- 6840-01-104-0887

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

Product ID:CARBARYL 4L

MSDS Date:03/25/1999

FSC:6840

NIIN:01-104-0887

Status Code:A

MSDS Number: CKBMK

=== Responsible Party ===

Company Name:DREXEL CHEMICAL CO

Address:1700 CHANNEL AVENUE

Box:9306

City:MEMPHIS

State:TN

ZIP:38109-2259

Country:US

Info Phone Num:901-774-4370

Emergency Phone Num:901-774-4370

Pre

parer's Name:NONE LISTED

Chemtec Ind/Phone:(800)424-9300

CAGE:2Z247

=== Contractor Identification ===

Company Name:AMJAY CORP. DBA AMJAY CHEMICALS

Address:11200 WESTHEIMER SUITE 310

Box:218786

City:HOUSTON

State:TX

ZIP:77218-8786

Country:US

Phone:713-492-2000

Contract Num:SPO450-98-M-D892

CAGE:64184

Company Name:DREXEL CHEMICAL CO

Address:1700 CHANNEL AVENUE

Box:9306

City:MEMPHIS

State:TN

ZIP:38109-2259

Country:US

Phone:901-774-4370

CAGE:2Z247

===== Composition/Information on Ingredie

nts =====

Ingred Name:CARBARYL (SARA 313) (CERCLA)

CAS:63-25-2

RTECS #:FC5950000

= Wt:43.4

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9596

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:INERTS

= Wt:56.6

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 590 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:NONE SPECIFIED BY MANUFACTURER.

Explanation of Carcinogenicity:NOT APPLICABLE.

Effects of Overexposure:CAUSES HEADACHES, NAUSEA, VOMITING, SWEATING,
ABDOMINAL CRAMPS AND PINPOINT PUPILS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN:IMMEDIATELY WASH WITH PLENTY OF SOAP AND WATER FOR 15
MIN. REMOVE CONTAMINATED CLOTHING AND SHOES. CLEAN CON

TAMINATED

CLOTHING/SHOES BEFORE RE-USE. GET MEDICAL ATTENTION IF IRRITATION
DEVELOPS O R PERSISTS. EYES: FLUSH WITH WATER FOR 15 MIN.GET
MEDICAL ATTENTION, IF NEEDED. INHALATION: MOVE VICTIM TO FRESH AIR.
IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF NOT BREATHING, GIVE CPR.
GET MEDICAL AT TENTION. INGESTION: IF CONSCIOUS AND ALERT, GIVE 2-3
GLASSES OF WATER AND INDUCE VOMITING. DO NOT INDUCE VOMITING OR
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL
AT

TENTION.

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

Flash Point:>93.3C, 200.F

Extinguishing Media:USE CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRES.
USE ALCOHOL FOAM, POLYMAR FOAM, OR WATER SPRAY FOR LARGE FIRES.

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS IS
REQUIRED. CONSULT PHYSICIAN IF HEAVILY EXPOSED. PREVENT WATER
RUNOFF IF POSSIBLE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

=====
Accidental Release
Measures
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Spill Release Procedures:DILUTE SPILL USING ABSORBENT OR IMPERVIOUS
MATERIALS SUCH AS EARTH, SAND, CLAY TO CONTAIN SPILL. COVER WITH
SWEEPING COMPOUND AND SWEEP UP WITH AS LITTLE DUST AS POSSIBLE. MOP
AREA WITH WATER. DO NOT FLUSH MATERIAL TO PUBLIC SEWER SYSTEM.
ASSURE THAT PROTECTIVE GEAR IS WORN.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

ns:STORE IN ORIGINAL CONTAINER ONLY IN

COOL, DRY AREA. DO NOT CONTAMINATE WATER, FOOD, FEED. AVOID CONTACT
WITH SKIN AND EYES. KEEP OUT OF RECH OF CHILDREN. FOLLOW LABEL
DIRECTIONS CAREFULLY.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL
DIRECTIONS CAREFULLY.

=====
Exposure Controls/Personal Protection
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Respiratory Protection:NIOSH APPROVED RESPIRATOR.

Ventilation:GENERAL RECOMMENDED.

Protective Gloves:RUBBER IMPERVIOUS.

Eye Protection:CHE

MICAL GOGGLES.

Other Protective Equipment:LONG-SLEEVED SHIRTS, PANTS, RUBBER BOOTS,
COVERALLS.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health
INSECTICIDE.

=====
Physical/Chemical Properties
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HCC:T5

Boiling Pt:B.P. Text:208 F- 212 F

Vapor Pres:17.6 MMHG @ 20 C

Vapor Density:0.62

Spec Gravity:1.11 @ 20 C

pH:4.0 TO 5.0

Solubility in Water:MISCIBLE

Appearance and Odor:WHITE LIQUID WITH MILD ODOR.

Percent Volatiles by Volum

e:51%

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

AVOID CONTAMINATION WITH STRONG ACIDES AND BASES.

Stability Condition to Avoid: STABLE UNDER NORMAL CONDITIONS. AVOID EXTREME TEMPERATURES AND OPEN FLAMES.

Hazardous Decomposition Products: THERMAL DECOMPOSITION OR BURNING MAY PRODUCE OXIDES OF NITROGEN, OXIDES OF CARBON, AND METHYL ISOCYANATES (TRACE AMOUNTS, NO ADVERSE HEALTH EFFECTS EXPECTED).

Conditions to Avoid P

olymerization: WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: CARCINOGENICITY: N/A. TOXICITY DATA: ORAL RAT LD50: 590 MG/KG. DERMAL LD50 (RABBIT): >2,000 MG/KG. TLV: 5 MG/M3. N.F.P.A.: HEALTH: 3, FIRE: 0, REACTIVITY: 0. (0=INSIGNIFICANT, 3 = HIGH.). EFFECTS OF OV EREXPOSURE: CAUSES HEADACHES, NAUSEA, VOMITING, SWEETING, ABDOMINAL CRAMPS, AND PINPOINT PUPILS.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information: DOT DESCRIPTION: ENVIRONMENTAL HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CARBARYL), CLASS 9, UN3082, PKG III, MARINE POLLUTANT. FREIGHT DESCRIPTION: AGRICULTURAL INSECTICIDE, LIQUID, N.O.S.. REPORTABLE QUAN TITY: 100 LBS.

===== Regulatory Information =====

Fede

ral Regulatory Information: EPA REG. NO.: 19713-49

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