

# MATERIAL SAFETY DATA SHEET

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Emergency Telephone No.

1-800-424-9300 (ChemTrec)

## SECTION I – GENERAL INFORMATION

TRADE NAME: **CARBARYL 2L**  
CHEMICAL NAME: 1-Naphthyl N-Methylcarbamate  
CHEMICAL FAMILY: Carbamates (Insecticide)  
EPA REG. NO.: 19713-89  
SIGNAL WORD: CAUTION

## SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

<u>NAME</u>	<u>CAS NO.</u>	<u>% (by wt.)</u>	<u>TLV</u>	<u>CLASS</u>
Carbaryl	63-25-2	22.5	5mg/m <sup>3</sup>	H
Inerts	N/A	77.5	N/A	NH

## SECTION III – PHYSICAL DATA

Boiling Point: >212°F      Specific Gravity: 1.07  
Vapor Pressure: Negligible      % Volatiles: N/A  
Vapor Density: N/A      Solubility in Water: Miscible  
pH: 4-5      Appearance/Odor: White suspension with mild odor

## SECTION IV – FIRE & EXPLOSION DATA

Flash Point: >200°F (Non-Combustible)  
Extinguishing Media: Use CO<sub>2</sub>, dry chemical for small fires. Use water or foam (alcohol, polymer, or ordinary) for large fires.  
Fire Fighting Procedures: Wear self-contained breathing apparatus in confined spaces. Fight fire from upwind.

## SECTION V – REACTIVITY DATA

Stability: Stable  
Conditions to Avoid: Extreme temperatures  
Incompatibility: Avoid contamination with aqueous mineral acids or alkalis.  
Hazardous Decomposition Products: Thermal decomposition or burning may produce nitrogen oxides, CO.  
Hazardous Polymerization: Will not occur

## SECTION VI – HEALTH HAZARD DATA

Carcinogenicity: N/A  
Toxicity Data: Oral LD50 (Rat) – 230 mg/kg (Tech)  
Dermal LD50 (Rabbit) = >2,000 mg/kg (Tech)  
TLV: 5 mg/m<sup>3</sup>  
N.F.P.A.: Health: 3, Fire: 0, Reactivity: 0  
(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)  
Effects of Overexposure: Causes headache, nausea, vomiting, sweating, abdominal cramps, and pinpoint pupils. Do not ingest.

## SECTION VII – EMERGENCY PROCEDURES

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**If on skin or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product, (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

**NOTE TO PHYSICIAN:** Carbaryl is an N-methyl carbamate that inhibits cholinesterase. Atropine is antidotal. Do not use 2-PAM (pyridine-2-aldoxime methiodide), opiates or cholinesterase inhibiting drugs. Probable mucosal damage may contraindicate the use of gastric lavage.

## SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill  
Cover with sweeping compound and sweep up with little dusting. Place in suitable containers. Prevent runoff if possible. Assure protective clothing is worn.

Waste Disposal Method  
Dispose of in accordance with Local, State, and Federal Regulations.

## SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH approved respirator  
Ventilation: General recommended  
Protective Gloves: Rubber impervious  
Eye Protection: Chemical goggles  
Other: Long-sleeved shirt, pants, shoes and socks.

**SECTION X – SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling & Storage

KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.

Store in cool, dry area away from foodstuffs, feed or seed. Avoid contact with skin and eyes.

D.O.T. Description: UN-2992, Carbamate Pesticides, Liquid, Toxic, (Carbaryl), 6.1, PG-III, Marine Pollutant, RQ 100 lbs.

Freight Description: Agricultural Insecticide, Liquid, N.O.S.

Reportable Quantity: 100 lbs.

E.R.G. Guide Sheet: 151

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