

**SAFETY DATA SHEET**  
**MARSHAL® 250 g/L EC INSECTICIDE**

**SDS # : 3702-A**  
**Revision date: 2016-05-26**  
**Format: NA**  
**Version 1.05**



**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier**

**Product Name** MARSHAL® 250 g/L EC INSECTICIDE

**Other means of identification**

**Product Code(s)** 3702-A

**Synonyms** CARBOSULFAN (FMC 35001): 2,3-dihydro-2,2-dimethylbenzofuran-7-yl (dibutylaminothio)methylcarbamate (CAS name); 2,3-dihydro-2,2-dimethyl-7-benzofuranyl [(dibutylamino)thio]methylcarbamate (IUPAC name)

**Active Ingredient(s)** Carbosulfan

**Chemical Family** Carbamate Pesticide

**Alternate Commercial Name** Marshal 25 EC; Marshal 250 EC; Marshal 25 LE; Posse; Master 25 EC

**Recommended use of the chemical and restrictions on use**

**Recommended Use:** Insecticide

**Restrictions on Use:** Use as recommended by the label

**Manufacturer Address**

FMC Corporation  
2929 Walnut Street  
Philadelphia, PA 19104  
(215) 299-6000 (General Information)  
msdsinfo@fmc.com (E-Mail General Information)

**Emergency telephone number**

Medical Emergencies:  
1 800 / 331-3148 (PROSAR - U.S.A. & Canada)  
1 651 / 632-6793 (PROSAR - All Other Countries - Collect)  
For leak, fire, spill or accident emergencies, call:  
1 800 / 424 9300 (CHEMTREC - U.S.A.)  
1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries)

**2. HAZARDS IDENTIFICATION**

**Classification**

**OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 3
Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 2
Serious eye damage/eye irritation	Category 2A

Skin sensitization	Category 1B
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 1
Specific target organ toxicity (repeated exposure)	Category 1
Aspiration toxicity	Category 1
Flammable liquids	Category 3

### GHS Label elements, including precautionary statements

#### EMERGENCY OVERVIEW

#### Danger

#### Hazard Statements

H301 - Toxic if swallowed  
H304 - May be fatal if swallowed and enters airways  
H312 - Harmful in contact with skin  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H330 - Fatal if inhaled  
H351 - Suspected of causing cancer  
H370 - Causes damage to organs  
H372 - Causes damage to organs through prolonged or repeated exposure

#### Physical Hazards

H226 - Flammable liquid and vapor



#### Precautionary Statements - Prevention

P202 - Do not handle until all safety precautions have been read and understood  
P281 - Use personal protective equipment as required  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P271 - Use only outdoors or in a well-ventilated area  
P284 - Wear respiratory protection  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical/ventilating/lighting equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P235 - Keep cool  
P280 - Wear protective gloves/protective clothing/eye protection/face protection

#### Precautionary Statements - Response

P320 - Specific treatment is urgent (see supplemental first aid instructions on this label)  
P308 + P311 - If exposed or concerned: Call a POISON CENTER or doctor  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337 + P313 - If eye irritation persists: Get medical advice/ attention  
P312 - Call a POISON CENTER or doctor if you feel unwell  
P363 - Wash contaminated clothing before reuse  
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention  
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

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P310 - Immediately call a POISON CENTER or doctor

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P331 - Do NOT induce vomiting

P330 - Rinse mouth

P370 + P378 - In case of fire: Use Carbon dioxide (CO<sub>2</sub>), Dry chemical, Alcohol-resistant foam, Water spray for extinction

**Precautionary Statements - Storage**

P405 - Store locked up

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

P501 - Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

No hazards not otherwise classified were identified.

**Other Information**

Very toxic to aquatic life with long lasting effects.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical Family** Carbamate Pesticide.

Chemical name	CAS-No	Weight %
Carbosulfan	55285-14-8	27
Carbofuran	1563-66-2	0.5
Naphtha (petroleum), heavy aromatic	64742-94-5	20-30
Petroleum distillates, solvent dewaxed light paraffinic	64742-56-9	20-30
Pseudocumene	95-63-6	<10
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	5-10
Propylene glycol	57-55-6	1-5
Cumene	98-82-8	0.1-1

Synonyms are provided in Section 1.

**4. FIRST AID MEASURES****Eye Contact**

Hold eyes 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 further treatment advice.

**Skin Contact**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

**Inhalation**

Move to fresh air. If person is not breathing, call 911 (within the U.S. and Canada) or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Ingestion**

Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed**

Symptoms of exposure may include headache, light-headedness, weakness, abdominal cramps, nausea, excessive salivation, perspiration, blurred vision, tearing, pin-point pupils, excessive respiratory secretions, cyanosis, convulsions, generalized tremor and coma.

**Indication of immediate medical attention and special treatment needed, if necessary**

Contains petroleum distillate. Vomiting may cause aspiration pneumonia. This product contains a reversible cholinesterase inhibitor. Atropine sulfate is antidotal. If cyanosis is absent: Adults - start treatment by giving 2 mg atropine intravenously or intramuscularly, if

necessary, and repeat with 0.4 - 2.0 mg atropine at 15 minute intervals until atropinization occurs (tachycardia, flushed skin, dry mouth, mydriasis); Children under 12 - initial dose = 0.05 mg/kg body weight and repeat dose = 0.02 - 0.05 mg/kg body weight. Use of oximes such as 2-PAM is controversial. Observe patient to ensure that these symptoms do not recur as atropinization wears off. If in eyes, instill one drop of homatropine. Treatment is otherwise controlled removal of exposure followed by symptomatic and supportive care.

## 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Soft stream or water fog only if necessary.
<b>Specific Hazards Arising from the Chemical</b>	Thermal decomposition can lead to release of irritating and toxic gases and vapors
<b>Explosion data</b>	Combustible liquid
<b>Sensitivity to Mechanical Impact</b>	Not sensitive.
<b>Sensitivity to Static Discharge</b>	Yes.
<b>Protective equipment and precautions for firefighters</b>	Isolate fire area. Evaluate downwind. Wear self-contained breathing apparatus and protective suit.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Isolate and post spill area. Remove all sources of ignition. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8.
<b>Other</b>	For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.
<b>Environmental Precautions</b>	Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.
<b>Methods for Containment</b>	Dike to prevent runoff.
<b>Methods for cleaning up</b>	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean and neutralize spill area, tools and equipment for a minimum contact of one hour with vinegar-alcohol solution, then by bleach soap and water. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.
<b>Storage</b>	Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Keep/store only in original container.
<b>Incompatible products</b>	No information available Acids

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
Carbofuran (1563-66-2)	TWA: 0.1 mg/m <sup>3</sup>	-	TWA: 0.1 mg/m <sup>3</sup>	Mexico: TWA 0.1 mg/m <sup>3</sup>
Pseudocumene (95-63-6)	-	-	TWA: 25 ppm TWA: 125 mg/m <sup>3</sup>	-
Cumene (98-82-8)	TWA: 50 ppm	TWA: 50 ppm TWA: 245 mg/m <sup>3</sup>	IDLH: 900 ppm TWA: 50 ppm	Mexico: TWA 50 ppm Mexico: TWA 245 mg/m <sup>3</sup>

		S*	TWA: 245 mg/m <sup>3</sup>	Mexico: STEL 75 ppm Mexico: STEL 365 mg/m <sup>3</sup>
<b>Chemical name</b>	<b>British Columbia</b>	<b>Quebec</b>	<b>Ontario TWAEV</b>	<b>Alberta</b>
Carbofuran (1563-66-2)	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> inhalable fraction and vapor	TWA: 0.1 mg/m <sup>3</sup>
Propylene glycol (57-55-6)	-	-	TWA: 10 mg/m <sup>3</sup> aerosol only  TWA: 50 ppm aerosol and vapor  TWA: 155 mg/m <sup>3</sup> aerosol and vapor	-
Cumene (98-82-8)	TWA: 25 ppm STEL: 75 ppm	TWA: 50 ppm TWA: 246 mg/m <sup>3</sup>	TWA: 50 ppm	TWA: 50 ppm TWA: 246 mg/m <sup>3</sup>

**Appropriate engineering controls****Engineering measures**

Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

For dust, splash, mist or spray exposure, wear chemical protective goggles.

**Skin and Body Protection**

Wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves and headgear.

**Hand Protection**

Protective gloves Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion and the contact time.

**Respiratory Protection**

For dust, splash, mist or spray exposures wear a full-face air-supplying respirator which is approved for pesticides (U.S. NIOSH/MSHA, EU CEN or comparable certification organization)

**Hygiene measures**

Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

**General information**

If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Appearance</b>	Amber Liquid
<b>Physical State</b>	Liquid
<b>Color</b>	Dark amber
<b>Odor</b>	Hydrocarbon-like
<b>Odor threshold</b>	No information available
<b>pH</b>	No information available
<b>Melting point/freezing point</b>	Not applicable
<b>Boiling Point/Range</b>	No information available
<b>Flash point</b>	42.5 °C / 108.5 °F Tag Closed Cup
<b>Evaporation Rate</b>	No information available

Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor pressure	No information available
Vapor density	No information available
Density	7.74 lb/gal
Specific gravity	0.932 @ 20 °C
Water solubility	Emulsifies
Solubility in other solvents	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	No information available
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing properties	No information available
Molecular weight	No information available
Bulk density	No information available

## 10. STABILITY AND REACTIVITY

Reactivity	Not applicable
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	Contact with aqueous acids may produce carbofuran.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Excessive heat. Extreme risk of explosion by shock, friction, fire or other sources of ignition.
Incompatible materials	No information available.
Hazardous Decomposition Products	Burning produces obnoxious and toxic fumes: Carbon oxides (COx), Sulfur oxides, Nitrogen oxides (NOx).

## 11. TOXICOLOGICAL INFORMATION

### Product Information

LD50 Oral	59.9 mg/kg (rat)
LD50 Dermal	> 1520 mg/kg (rabbit)
LC50 Inhalation	0.265 mg/L 4 hr; (1.06 mg/L 1 hr (rat)
Serious eye damage/eye irritation	Moderately irritating to eyes.
Skin corrosion/irritation	Moderately irritating.
Sensitization	This product produces skin sensitization (allergic reaction) in laboratory animals, and may produce similar effects in humans.

### Information on toxicological effects

Symptoms	This substance is a reversible cholinesterase-inhibiting pesticide, which elicits symptoms in humans typical of cholinesterase inhibition including headache, light-headedness, weakness, abdominal cramps, nausea, excessive salivation, perspiration and blurred vision. More severe signs of cholinesterase inhibition include tearing, pin-point pupils, excessive respiratory secretions, cyanosis, convulsions, generalized tremor and coma. Excessive cholinesterase inhibition may result in death.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity	Effects are expected to be similar to those that are seen with acute toxicity.
Mutagenicity	Carbosulfan, Carbofuran: Not genotoxic in laboratory studies
Carcinogenicity	Carbosulfan, Carbofuran: No evidence of carcinogenicity from animal studies.
Neurological effects	Carbosulfan, Carbofuran: Chronic exposure of laboratory animals has caused decreased cholinesterase activity (erythrocyte, plasma, and/or brain).

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**Reproductive toxicity**  
**Developmental toxicity**

Carbosulfan, Carbofuran: No toxicity to reproduction in animal studies.  
 Carbosulfan: Caused fetal incomplete ossification and major vessel variations in animal studies. Carbofuran: Not teratogenic in animal studies.

**STOT - single exposure**  
**STOT - repeated exposure**

Causes damage to organs. See listed target organs below.  
 Causes damage to organs through prolonged or repeated exposure. See listed target organs below.

**Target organ effects**

Nervous system, Bladder, Gastrointestinal tract, Red blood cells, Acetylcholinesterase Inhibition

**Neurological effects**

Carbosulfan, Carbofuran: Chronic exposure of laboratory animals has caused decreased cholinesterase activity (erythrocyte, plasma, and/or brain).

**Aspiration hazard**

Potential for aspiration if swallowed. May be fatal if swallowed and enters airways.

Chemical name	ACGIH	IARC	NTP	OSHA
Carbosulfan 55285-14-8		Group 2A		
Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9	A2	Group 1	Known	
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	A2	Group 1	Known	
Cumene 98-82-8		Group 2B	Reasonably Anticipated	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

<b>Carbosulfan (55285-14-8)</b>				
Active Ingredient(s)	Duration	Species	Value	Units
Carbosulfan	48 h EC50	Crustacea	1.5	µg/L
	72 h EC50	Algae	47	mg/L
	96 h LC50	Fish	0.015	mg/L
	21 d NOEC	Crustacea	3.2	µg/L
	21 d NOEC	Fish	3.0	µg/L

<b>Carbofuran (1563-66-2)</b>				
Active Ingredient(s)	Duration	Species	Value	Units
Carbofuran	48 h EC50	Crustacea	0.75	mg/L
	72 h EC50	Algae	19	mg/L
	96 h LC50	Fish	0.18	mg/L
	21 d NOEC	Crustacea	0.23	µg/L
	96 h NOEC	Algae	3.2	mg/L
	21 d NOEC	Fish	5.22	µg/L

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9		96 h LC50: > 5000 mg/L (Oncorhynchus mykiss)	48 h EC50: > 1000 mg/L (Daphnia magna)
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0		96 h LC50: > 5000 mg/L (Oncorhynchus mykiss)	48 h EC50: > 1000 mg/L (Daphnia magna)
Cumene	72 h EC50: = 2.6 mg/L	96 h LC50: 6.04 - 6.61 mg/L	48 h EC50: 7.9 - 14.1 mg/L

98-82-8	(Pseudokirchneriella subcapitata)	(Pimephales promelas) flow-through 96 h LC50: = 2.7 mg/L (Oncorhynchus mykiss) semi-static 96 h LC50: = 4.8 mg/L (Oncorhynchus mykiss) flow-through 96 h LC50: = 5.1 mg/L (Poecilia reticulata) semi-static	(Daphnia magna) Static 48 h EC50: = 0.6 mg/L (Daphnia magna)
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**Persistence and degradability** Carbosulfan: Non-persistent. Readily hydrolyzed. Not readily biodegradable. Carbofuran: Non-persistent. Does not readily hydrolyze. Not readily biodegradable.

**Bioaccumulation** Carbosulfan: The substance has a potential for bioconcentration. Carbofuran: The substance does not have a potential for bioconcentration.

**Mobility** Carbosulfan: Slightly mobile; not expected to reach groundwater. Carbofuran: Moderately mobile; expected to reach groundwater.

### 13. DISPOSAL CONSIDERATIONS

**Waste disposal methods** Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.

**Contaminated Packaging** Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions.

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Cumene 98-82-8				Ignitable waste
Chemical name			California Hazardous Waste Status	
Cumene 98-82-8			Toxic Ignitable	

### 14. TRANSPORT INFORMATION

#### DOT

UN/ID no UN2991  
Proper Shipping Name Carbamate pesticides, liquid, toxic, flammable  
Hazard class 6.1  
Subsidiary class 3  
Packing Group III  
Reportable Quantity (RQ) Carbofuran is in an "RQ" quantity when this material meets or exceeds 1865 pounds (233 gallons) per package.  
Marine Pollutant Carbosulfan, Carbofuran.  
Description UN2991, Carbamate pesticides, liquid, toxic, flammable (Carbosulfan, Carbofuran), 6.1 (3), PG III, Marine Pollutant, RQ

#### TDG

UN/ID no UN2991  
Proper Shipping Name Carbamate pesticide, liquid, toxic, flammable  
Hazard class 6.1  
Subsidiary class 3  
Packing Group III  
Marine Pollutant Carbosulfan, Carbofuran.  
Description UN2991, Carbamate pesticides, liquid, toxic, flammable (Carbosulfan, Carbofuran), 6.1 (3), PG III, Marine Pollutant

#### ICAO/IATA

UN/ID no UN2991  
Proper Shipping Name Carbamate pesticide, liquid, toxic, flammable  
Hazard class 6.1



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**Subsidiary Hazard Class** 3  
**Packing Group** III  
**Description** UN2991, Carbamate pesticides, liquid, toxic, flammable (Carbosulfan, Carbofuran), 6.1 (3), PG III

**IMDG/IMO**

**UN/ID no** UN2991  
**Proper Shipping Name** Carbamate pesticide, liquid, toxic, flammable  
**Hazard class** 6.1  
**Subsidiary Hazard Class** 3  
**Packing Group** III  
**EmS No.** F-A, S-A  
**Special Provisions** Flash Point = 42.5°C / 108.5°F  
**Marine Pollutant** Carbosulfan, Carbofuran  
**Description** UN2991, Carbamate pesticides, liquid, toxic, flammable (Carbosulfan, Carbofuran), 6.1 (3), PG III, Marine Pollutant

**15. REGULATORY INFORMATION****U.S. Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS-No	Weight %	SARA 313 - Threshold Values %
Carbofuran - 1563-66-2	1563-66-2	0.5	1.0
Pseudocumene - 95-63-6	95-63-6	<10	1.0
Cumene - 98-82-8	98-82-8	0.1-1	1.0

**SARA 311/312 Hazard Categories**

**Acute health hazard** Yes  
**Chronic health hazard** Yes  
**Fire hazard** Yes  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylenes 1330-20-7	100 lb			X
Carbofuran 1563-66-2	10 lb			X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Xylenes 1330-20-7	100 lb 45.4 kg	
Carbosulfan 55285-14-8	1000 lb 454 kg	
Carbofuran 1563-66-2	10 lb 4.54 kg	10 lb
Cumene	5000 lb	

98-82-8	2270 kg	
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**FIFRA Information**

*This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:*

**WARNING**

*May be fatal if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation.  
This pesticide is highly toxic to fish, birds and other wildlife.*

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Prop. 65
Cumene - 98-82-8	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Carbosulfan 55285-14-8	X		
Carbofuran 1563-66-2	X	X	X
Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9		X	
Pseudocumene 95-63-6	X	X	X
Propylene glycol 57-55-6	X		X
Cumene 98-82-8	X	X	X

**International Inventories**

Chemical name	TSCA (United States)	DSL (Canada)	EINECS/ELINC S (Europe)	ENCS (Japan)	China (IECSC)	KECL (Korea)	PICCS (Philippines)	AICS (Australia)
Carbosulfan 55285-14-8			X			X		
Carbofuran 1563-66-2	X	X	X	X	X	X	X	X
Naphtha (petroleum), heavy aromatic 64742-94-5	X	X	X	X	X	X	X	X
Petroleum distillates, solvent dewaxed light paraffinic 64742-56-9	X	X	X		X	X	X	X
Pseudocumene 95-63-6	X	X	X	X	X	X	X	X
Petroleum distillates, solvent dewaxed heavy paraffinic 64742-65-0	X	X	X		X	X	X	X
Propylene glycol	X	X	X	X	X	X	X	X

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57-55-6								
Cumene 98-82-8	X	X	X	X	X	X	X	X

Chemical name	Carcinogen Status	Mexico
Carbofuran		Mexico: TWA 0.1 mg/m <sup>3</sup>
Cumene		Mexico: TWA 50 ppm Mexico: TWA 245 mg/m <sup>3</sup> Mexico: STEL 75 ppm Mexico: STEL 365 mg/m <sup>3</sup>

Chemical name	Mexico - Pollutant Release and Transfer Register - Reporting Emissions for Fabrication, Process or Use -Threshold Quantities	Pollutant Release and Transfer Register - Reporting Emissions - Threshold Quantities
Xylenes	1000 5000 kg/yr	1000 kg/yr
Cumene	1000 5000 kg/yr	1000 kg/yr

## WHMIS Hazard Class

B3 - Combustible liquid  
D1A - Very toxic materials  
D2A - Very toxic materials



## 16. OTHER INFORMATION

NFPA	Health Hazards 4	Flammability 2	Instability 0	Special Hazards -
HMIS	Health Hazards 3*	Flammability 2	Physical hazard 0	Personal Protection X

\*Indicates a chronic health hazard.

Revision date: 2016-05-26  
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Disclaimer

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**End of Safety Data Sheet**