

**Wynca USA™ SUN -CLETHODIM 240 EC****Safety Data Sheet (SDS)**

*This Safety Data Sheet (SDS) complies with the requirements of the U.S. Federal Occupational Safety and Health Administration Hazard Communication 29 CFR 1910.1200 (g)(2).*

**1. IDENTIFICATION OF THE PRODUCT & COMPANY**

**Product Name:** SUN-CLETHODIM 240 EC

**EPA Reg No** 103087-4-87659

**Intended Use:** Herbicide

**Company Identification:**

Cinmax International, LLC

3050 Metro Drive, Suite 113

Bloomington, MN 55425

**Emergency Information:**

Chemtrec

Tel: 1 (800) 424-9300 for transportation and spills

**SECTION 2: HAZARD IDENTIFICATION**

**GHS-US classification**

Eye Irritation Category 4

Flammable Liquids Category 4

Aspiration Hazard Category 1

**Required Label Elements**



**Signal Word:** DANGER

**Hazard Statements:**

Combustible liquid

May be fatal if swallowed and enters airways

**Precautionary Statements:**

**Prevention:**

Wash thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Contaminated work clothing should not be allowed out of the workplace.  
 Avoid release to the environment.

**Response:**

If swallowed: get medical help  
 If on skin: get medical help  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists: get medical advice/attention  
 In case of fire: Use dry chemical, carbon dioxide or foam to extinguish.

**Storage:**

Store in a well-ventilated place. Keep cool.  
 Store locked up

**Disposal:**

Dispose of in accordance with local/regional/national/international regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

COMPONENT	CAS NO.	%
Clethodim	99129-21-2	24.3-25.9
Solvent naphtha	64742-94-5	<70
Other Ingredient	PROPRIETARY	Balance

The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES**

First Aid responders should use protective equipment in Section 8 if there is a potential for exposure to product.

**IF IN EYES:** Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.

**IF ON SKIN OR CLOTHING:** If skin becomes irritated, wash with soap and water. Seek medical attention if irritation persists.

**IF SWALLOWED:** Quickly rinse mouth out with water. Do not induce vomiting. Seek medical attention or call a poison control center for treatment advice.

**IF INHALED:** If irritation or respiratory symptoms develop, move immediately to fresh air. Seek medical attention if irritation is severe or persists.

**NOTE TO PHYSICIAN:** None

Have a product container or label with you when calling a poison control center or doctor or going for treatment.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Water fog, foam, dry chemical or carbon dioxide

**Special Hazards/HAZARDOUS DECOMPOSITION PRODUCTS:** Normal combustion forms carbon dioxide, water vapor and may produce oxides of nitrogen, sulfur. Combustion may produce toxic compounds of chlorine.

**Special protective equipment and precautions for fire-fighters:** A self-contained breathing apparatus and suitable protective clothing must be worn in fire conditions.

**FIRE FIGHTING INSTRUCTIONS:** Products of combustion from fires involving this material may be toxic. Avoid breathing smoke and mists. Avoid personnel and equipment contact with fallout and runoff. Minimize the amount of water used for firefighting. Do not enter any enclosed area without full protective equipment, including self-contained breathing equipment. Contain and isolate runoff and debris for proper disposal. Decontaminate personal protective equipment and firefighting equipment before reuse. Read the entire document.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** None typically required. Use personal protective equipment as necessary. Follow label instructions.

**Environmental Precautions:** Do not discharge into aquatic environment

**Methods for Containment/Clean up:** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Collect and transfer the product into a properly labelled and tightly enclosed container. Clean contaminated floors and objects thoroughly, observing environmental regulations. Contaminated soil may have to be removed and disposed.

## 7. HANDLING AND STORAGE

**Keep out of reach of children!**

**HANDLING:** Use only in area provided with appropriate exhaust ventilation. Avoid contact with skin, eyes and clothing. Keep working clothes separately. Wash hands immediately after work, if necessary, take a shower. Remove soiled clothing immediately and clean thoroughly before using again. Garments that cannot be cleaned must be destroyed (burnt). Keep away from: sparks, open flame, direct sunlight.

**STORAGE:** Store in the original, unopened container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs. Store in a place accessible by authorized persons only.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Exposure Controls:** Follow manufacturer's instructions for cleaning/maintaining PPE. Use in ventilated areas adequate to keep exposure below the TWA. Keep containers closed when not in use.

**Personal Protection:**

**Eye/Face Protection:** To avoid contact with eyes, wear safety glasses with side-shields.

**Skin Protection:** Wear long sleeved shirt and long pants and shoes plus socks.

**Respiratory Protection:** A respirator is not normally required when handling this substance. Use effective engineering controls to comply with occupational exposure limits. When respirators are required, select a certificated equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

**General Protective Measures:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water. Keep and wash PPE separately from other laundry.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Light yellow to light brown liquid

**Odor:** Characteristic aromatic compounds odor at 20.5 degrees Celcius

**Melting/Freezing Point:** Not determined

**pH:** 4.0-7.0

**Density or Specific Gravity:** 0.9714+0.02 g/ml

**Solubilities:** Not determined

**Flash Point:** >60

**Water content %:** <.8

**Emulsion stability (20x dilution) 2h:** Separation of cream or oil observed <0.3ml

**Persistent foaming (1min) mL:** <60

## 10. STABILITY AND REACTIVITY

**Product reactivity:** No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability:** This product is stable material under normal conditions of storage and handling. Avoid contact with ignitions sources.

**Hazardous reactions/polymerization:** Product will not undergo hazardous polymerization.

**Conditions to Avoid:** High temperatures and excess moisture. Do not store for prolonged periods in direct sunlight.

**Incompatible materials:** Avoid strong oxidizing agents.

**Hazardous Decomposition Products:** No decomposition products expected under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

The following information is from this formulation or from a similar formulation:

Oral Toxicity LD 50 (rats)	>5000 mg/kg
Dermal Toxicity LD 50 (rabbits)	>5000 mg/kg
Inhalation Toxicity LC 50 (rats)	>5.05 mg/L
Eye Irritation (rabbits)	Mildly irritating
Skin Irritation (rabbits)	Non-irritating
Skin Sensitization (guinea pigs)	Non-sensitizing

## 12. ECOLOGICAL INFORMATION

Acute Oral LD 50 (birds)	>2000 mg/kg-bwt
Fish 96 Hour LC 50	>100 mg/L
Daphnia 48 Hour LC 50	>100 mg/L
Water Algae 72 Hour EyC 50	>100 mg/L
Water Algae 72 Hour ErC 50	>100 mg/L
Honeybees Contact LC 50	>100 $\mu$ g/bee (48 hour)
Honeybees Oral LC50	>100 $\mu$ g/bee (48 hour)
Earthworms LC 50	>1000 mg/kg (14 days)

## 13. DISPOSAL CONSIDERATIONS

**PRODUCT DISPOSAL:** Open dumping or burning of this pesticide is prohibited. Waste resulting from the use of this product that cannot be reused or reprocessed. Never pour untreated waste into public sewers or where there is any danger of run-off or seepage into water systems. Do not contaminate rivers, dams or any other water sources with the product or used containers. Comply with local legislation applying to waste disposal.

**CONTAINER DISPOSAL:** Do not re-use empty containers. Triple rinse containers. Consult state and local regulations regarding the proper disposal of container. Follow advice on product label and/or leaflet. TRIPLE RINSE empty containers in the following manner. Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of 10% of that container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner. Do not re-use the empty container for any other purpose but destroy it by perforation and flattening and bury in an approved dumpsite. Prevent contamination of food, feedstuffs, drinking water and eating utensils. Comply with local legislation applying to waste disposal.

## 14. TRANSPORTATION INFORMATION

**DOT (ground) :** Not regulated when shipped domestically in individual containers less than 119 gallons.

**For packages greater than 119 Gallons:**

<b>UN/ID no</b>	NA1993
<b>Proper shipping name</b>	COMBUSTIBLE LIQUID, N.O.S.
<b>Hazard class</b>	Class 3
<b>Packing group</b>	III
<b>IATA</b>	Not regulated
<b>IMDG</b>	Not regulated

**15. REGULATORY 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.

**Signal Word:** DANGER

Harmful if swallowed. Causes eye irritation.

**International Inventories**

USINV	Not present
DSL/NDSL	Not present
EINECS	Not present
ELINCS	Not present
ENCS	Not present
China	Not present
KECL	Not present
PICCS	Not present
AICS	Not present
TSCA	Not present

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

AICS – Australian Inventory of Chemical Substances

**SARA 311/312 Hazard Categories**

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986(SARA). This product contains no chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**16. OTHER INFORMATION**

This SDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made the user should contact the company.