



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
OSHA HCS2012

Revision date 27-Apr-2023

Revision Number 1

## 1. Identification

### Product identifier

**Product Name** Oxamyl-oxime

### Other means of identification

**Product Code(s)** DRE-C15780500

**Synonyms** None

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

**Recommended use** Laboratory use

**Restrictions on use** Not to be used for human or animal consumption

### Details of the supplier of the safety data sheet

#### Supplier Address

VHG  
LGC Standards  
276 Abby Road  
Manchester, NH 03103  
UNITED STATES OF AMERICA

Tel :+1 (603) 622-7660  
Fax : +1 (603) 622-5180  
Email : lgcusa@lgcgroup.com

Web : lgcstandards.com

**E-mail** sds-request@lgcgroup.com

### Emergency telephone number

#### **Emergency Telephone**

For Hazardous Materials or Dangerous Goods Incident  
Spill, Leak, Fire Exposure, or Accident  
Call CHEMTREC:  
USA & Canada 1-800-424-9300  
Rest of the world +1 703-741-5970

## 2. Hazard(s) identification

### Classification



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
OSHA HCS2012

**DRE-C15780500 - Oxamyl-oxime**

**Revision date** 27-Apr-2023

Classified according to OSHA.

Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 3

## **Hazards not otherwise classified (HNOC)**

Not applicable

## **Label elements**

**Danger**

## **Hazard statements**

Classified according to OSHA.

Harmful in contact with skin

Toxic if inhaled



## **Precautionary Statements - Prevention**

Wear protective gloves/protective clothing

Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

IF ON SKIN: Wash with plenty of water and soap

Call a POISON CENTER or doctor if you feel unwell

Take off contaminated clothing and wash it before reuse

IF INHALED: Remove person to fresh air and keep comfortable for breathing

Call a POISON CENTER or doctor

## **Precautionary Statements - Storage**

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

Store locked up

## **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

## **Other information**

No information available.

## **3. Composition/information on ingredients**



# SAFETY DATA SHEET

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OSHA HCS2012

**DRE-C15780500 - Oxamyl-oxime**

**Revision date** 27-Apr-2023

## Substance

**Formula** C<sub>5</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>S

Chemical name	CAS No	Weight-%	Trade secret
Oxamyl-oxime	30558-43-1	100	*

## **4. First-aid measures**

### Description of first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.
<b>Inhalation</b>	If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Do not breathe dust. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen.
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If symptoms persist, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.
<b>Self-protection of the first aider</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe dust. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Use personal protective equipment as required. See section 8 for more information.

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

**Symptoms** Coughing and/ or wheezing. Difficulty in breathing.

### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Treat symptomatically.

## **5. Fire-fighting measures**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the



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This safety data sheet was created pursuant to the requirements of:  
OSHA HCS2012

DRE-C15780500 - Oxamyl-oxime

Revision date 27-Apr-2023

<b>Large Fire</b>	surrounding environment. CAUTION: Use of water spray when fighting fire may be inefficient.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	No information available.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	None.
<b>Sensitivity to static discharge</b>	None.
<b>Special protective equipment and precautions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Avoid generation of dust. Do not breathe dust. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Other information** Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not breathe dust. Avoid generation of dust. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Please refer to the manufacturer's certificate for specific storage and transport temperature



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
OSHA HCS2012

DRE-C15780500 - Oxamyl-oxime

Revision date 27-Apr-2023

conditions. Store only in the original receptacle unless other advice is given on the CoA.  
Keep out of the reach of children.

## 8. Exposure controls/personal protection

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### **Biological occupational exposure limits**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves. The protective gloves to be used must comply with the specifications of EC Directive 89/686/EEC and the related standard EN374. Wear protective butyl rubber gloves.

**Skin and body protection** Long sleeved clothing. Wear suitable protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Environmental exposure controls** Do not allow into any sewer, on the ground or into any body of water.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wear suitable gloves and eye/face protection. Do not breathe dust. Take off contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
OSHA HCS2012

DRE-C15780500 - Oxamyl-oxime

Revision date 27-Apr-2023

<b>Physical state</b>	Solid	
<b>Appearance</b>	Powder	
<b>Color</b>	white	
<b>Odor</b>	No information available	
<b>Odor threshold</b>	No information available	
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>
pH	No data available	None known
Melting point / freezing point	174 - 179 °C / 345.2 - 354.2 °F	None known
Initial boiling point and boiling range	272.1 °C / 521.8 °F	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	1.2	None known
Water solubility	No data available	None known
Solubility(ies)	slightly soluble Chloroform Methanol	
Partition coefficient	0.34	None known
Autoignition temperature	No data available	None known
Decomposition temperature		None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
<b>Other information</b>		
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	
<b>Softening point</b>	No information available	
<b>Molecular weight</b>	162.23	
<b>VOC content</b>	No information available	
<b>Liquid Density</b>	No information available	
<b>Bulk density</b>	No information available	

## 10. Stability and reactivity

<b>Reactivity</b>	No information available.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	Excessive heat.
<b>Incompatible materials</b>	None known based on information supplied.
<b>Hazardous decomposition products</b>	None known based on information supplied.



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
OSHA HCS2012

DRE-C15780500 - Oxamyl-oxime

Revision date 27-Apr-2023

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. Toxic by inhalation. (based on components).
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	May be absorbed through the skin in harmful amounts. Harmful in contact with skin. (based on components).
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

### Symptoms related to the physical, chemical and toxicological characteristics

<b>Symptoms</b>	Coughing and/ or wheezing. Difficulty in breathing.
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### Acute toxicity

#### Numerical measures of toxicity

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Oxamyl-oxime 30558-43-1	> 7 g/kg ( Rat )	-	-

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	No information available.
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<b>Serious eye damage/eye irritation</b>	No information available.
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<b>Respiratory or skin sensitization</b>	No information available.
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<b>Germ cell mutagenicity</b>	No information available.
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<b>Carcinogenicity</b>	No information available.
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# SAFETY DATA SHEET

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OSHA HCS2012

**DRE-C15780500 - Oxamyl-oxime**

**Revision date** 27-Apr-2023

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

**Other adverse effects** No information available.

**Interactive effects** No information available.

## 12. Ecological information

### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Oxamyl-oxime 30558-43-1	EC50: > 122 mg/l (Raphidocelis subcapitata, 72h)	LC50: > 132 mg/l (Oncorhynchus mykiss, 96h)	-	EC50: > 125 mg/l (Daphnia magna, 48h)

**Persistence and degradability** No information available.

**Bioaccumulation** There is no data for this product.

### Component Information

Chemical name	Partition coefficient
Oxamyl-oxime 30558-43-1	0.34

**Other adverse effects** No information available.

## 13. Disposal considerations

### Disposal methods

**Waste from residues/unused** Dispose of in accordance with local regulations. Dispose of waste in accordance with



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This safety data sheet was created pursuant to the requirements of:  
OSHA HCS2012

**DRE-C15780500 - Oxamyl-oxime**

**Revision date** 27-Apr-2023

<b>products</b>	environmental legislation.
<b>Contaminated packaging</b>	Do not reuse empty containers.
<b>US EPA Waste Number</b>	U394

## 14. Transport information

### DOT

<b>UN number or ID number</b>	UN2811
<b>Extended proper shipping name</b>	Toxic solids, organic, n.o.s. (Oxamyl-oxime)
<b>Transport hazard class(es)</b>	6.1
<b>Packing group</b>	III
<b>Reportable Quantity (RQ)</b>	(Oxamyl-oxime: RQ (kg)= 2270.00) Oxamyl-oxime: RQ (lb)= 5000.00
<b>Reportable quantity kg (calculated)</b>	Oxamyl-oxime: RQ (kg)= 2270.00
<b>Reportable quantity lbs. (calculated)</b>	Oxamyl-oxime: RQ (lb)= 5000.00
<b>Special Provisions</b>	IB8, IP3, T1, TP33
<b>DOT Marine Pollutant</b>	NP
<b>Description</b>	UN2811, Toxic solids, organic, n.o.s. (Oxamyl-oxime), 6.1, III
<b>Emergency Response Guide Number</b>	154

### TDG

<b>UN number or ID number</b>	UN2811
<b>UN proper shipping name</b>	Toxic solid, organic, n.o.s. (Oxamyl-oxime)
<b>Transport hazard class(es)</b>	6.1
<b>Packing group</b>	III
<b>Special Provisions</b>	16
<b>Marine pollutant</b>	NP
<b>Description</b>	UN2811, Toxic solid, organic, n.o.s. (Oxamyl-oxime), 6.1, III

### MEX

<b>UN number or ID number</b>	UN2811
<b>UN proper shipping name</b>	Toxic solid, organic, n.o.s. (Oxamyl-oxime)
<b>Transport hazard class(es)</b>	6.1
<b>Packing group</b>	III
<b>Technical Name</b>	Oxamyl-oxime
<b>Description</b>	UN2811, Toxic solid, organic, n.o.s. (Oxamyl-oxime), 6.1, III
<b>Special Provisions</b>	223, 274

### IATA

<b>UN number or ID number</b>	UN2811
<b>UN proper shipping name</b>	Toxic solid, organic, n.o.s. (Oxamyl-oxime)
<b>Transport hazard class(es)</b>	6.1
<b>Packing group</b>	III
<b>Technical Name</b>	Oxamyl-oxime
<b>Description</b>	UN2811, Toxic solid, organic, n.o.s. (Oxamyl-oxime), 6.1, III
<b>Special Provisions</b>	A3, A5



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
OSHA HCS2012

DRE-C15780500 - Oxamyl-oxime

Revision date 27-Apr-2023

ERG Code	6L
<b>IMDG</b>	
UN number or ID number	Not regulated
UN proper shipping name	UN2811
Transport hazard class(es)	Toxic solid, organic, n.o.s. (Oxamyl-oxime)
6.1	
Packing group	III
EmS-No	F-A, S-A
Special Provisions	223, 274
Marine pollutant	NP
Description	UN2811, Toxic solid, organic, n.o.s., 6.1, III

## 15. Regulatory information

### International Inventories

**TSCA** Complies.

Chemical name	CAS No	US TSCA Inventory listing	US TSCA inactive/active designation
Oxamyl-oxime	30558-43-1	Present	Active

<b>DSL/NDSL</b>	Contact supplier for inventory compliance status.
<b>EINECS/ELINCS</b>	Contact supplier for inventory compliance status.
<b>ENCS</b>	Contact supplier for inventory compliance status.
<b>IECSC</b>	Contact supplier for inventory compliance status.
<b>KECL</b>	Contact supplier for inventory compliance status.
<b>PICCS</b>	Contact supplier for inventory compliance status.
<b>AIIC</b>	Contact supplier for inventory compliance status.

### **Legend:**

**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 Chemical Substances/European 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

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
OSHA HCS2012

DRE-C15780500 - Oxamyl-oxime

Revision date 27-Apr-2023

## **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.

## **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

## **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	Reportable Quantity (RQ)
Oxamyl-oxime 30558-43-1	5000 lb	-	RQ 5000 lb final RQ RQ 2270 kg final RQ

## US State Regulations

### California Proposition 65

This product does not contain any Proposition 65 chemicals.

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

Chemical name	New Jersey	Massachusetts	Pennsylvania
Oxamyl-oxime 30558-43-1	X	-	-

## U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

## **16. Other information**

<u>NFPA</u>	Health hazards 3	Flammability 0	Instability 0	<u>Special hazards</u> -
<u>HMIS</u>	Health hazards 3	Flammability 0	Physical hazards 0	Personal protection X

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

### **Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
OSHA HCS2012

**DRE-C15780500 - Oxamyl-oxime**

**Revision date** 27-Apr-2023

European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date** 27-Apr-2023

**Revision Note** No information available.

**Disclaimer**

The information in this Safety Data Sheet meets the requirements of the United States OCCUPATIONAL SAFETY AND HEALTH ACT and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) This document is intended only as a guide to the appropriate precautionary handling of the material by a person trained in, or supervised by a person trained in, chemical handling. The user is responsible for determining the application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, we cannot warn of all of the potential dangers of use or interaction with other chemicals or materials. We warrant that the chemical meets the specifications set forth on the label. We (LGC/VHG/ARMI) disclaim any other warranties, expressed or implied with regard to the product supplied hereunder, its merchantability or its fitness for a particular purpose. The user should recognize that this product can cause severe injury and even death, especially if improperly handled or the known dangers of use are not heeded. Read all precautionary information.

**End of Safety Data Sheet**