



# Safety Data Sheet

Preparation Date 14-Jun-2022

Revision date 14-Jun-2022

Revision Number: 1

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Identification of the product

**Product Description** Syllit® FL Fungicide

### Other means of identification

**Internal SDS code** 12-0611

**UN/ID no** UN2902

**Registration number(s)** 70506-611

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

**Recommended use** Fungicide.

**Uses advised against** Activities contrary to label recommendation

### Details of the Supplier of the Safety Data Sheet

#### Supplier Address

UPL NA Inc.  
630 Freedom Business Center  
Suite 402  
King of Prussia, PA 19406

### Emergency telephone number

**Company Phone Number** 1-800-438-6071

**Emergency telephone number** Chemtec: (800) 424-9300 (24hrs) or (703) 527-3887  
Medical: Rocky Mountain Poison and Drug Safety (866) 673-6671 (24hrs)

## 2. Hazards Identification

### Classification

#### OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Inhalation (Dusts/Mists)	Category 3
Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 1

### Label elements

#### EMERGENCY OVERVIEW

**DANGER**

#### Hazard Statements

Causes serious eye damage

CAUSES SKIN IRRITATION

Toxic if inhaled



<b>Appearance</b> Opaque	<b>Physical state</b> Liquid	<b>Odor</b> Slight
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**Precautionary Statements - Prevention**

Do not eat, drink or smoke when using this product  
 Wash hands thoroughly after handling  
 Wear cold insulating gloves/face shield/eye protection  
 Do not get in eyes, on skin, or on clothing  
 Use only outdoors or in a well-ventilated area

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor/physician  
 IF ON SKIN: Wash with plenty of soap and water  
 Take off contaminated clothing and wash before reuse  
 Immediately call a POISON CENTER or doctor/physician  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician

**Hazards Not Otherwise Classified (HNOC)**

None identified

**OTHER INFORMATION**

- Very toxic to aquatic life with long lasting effects

### 3. Composition/information on Ingredients

Chemical name	CAS No	Weight-%
Dodine	2439-10-3	39.6
Ethoxylated oleyl amine, dodecylbenzenesulfonic salt	66467-20-7	1-3

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

### 4. First aid measures

**FIRST AID MEASURES**

**Eye contact** Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin contact** Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists.

**Inhalation** Move person to fresh air. If person is not breathing, call 911 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** Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.

**Most Important Symptoms and Effects, Both Acute and Delayed**

**Most Important Symptoms and Effects** Causes serious eye damage. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION. Nausea. Abdominal pain.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Notes to physician** Treat symptomatically.

## 5. Fire-fighting measures

### **Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Water spray.

**Unsuitable extinguishing media** no data available.

### **Specific hazards arising from the chemical**

Thermal decomposition can lead to release of irritating gases and vapours.

### **Explosion data**

### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental release measures

### **Personal precautions, protective equipment and emergency procedures**

#### **Personal Precautions**

Avoid contact with skin and eyes. Use personal protective equipment. Provide adequate ventilation.

#### **Environmental Precautions**

#### **Environmental precautions**

Do not flush into surface water or sanitary sewer system. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

### **Methods and material for containment and cleaning up**

#### **Methods for Clean-Up**

Soak up with inert absorbent material. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

## 7. Handling and Storage

### **Precautions for safe handling**

#### **Handling**

Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wear personal protective equipment.

### **Conditions for safe storage, including any incompatibilities**

#### **Storage**

Keep tightly closed in a dry and cool place.

#### **incompatible materials**

Strong acids. Strong bases.

## 8. Exposure Controls/Personal Protection

### **Exposure guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### **Engineering controls**

Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

### **Personal protective equipment**

#### **Eye/Face Protection**

Where there is potential for eye contact have eye flushing equipment available. Use eye protection to avoid eye contact. Goggles. If splashes are likely to occur, wear: Face-shield.

#### **Skin protection**

Wear protective gloves/clothing. Chemical resistant protective clothing. Chemical resistant

**Respiratory protection**

footwear plus socks.

Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

**General hygiene considerations**

Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Wash hands and face before breaks and immediately after handling the product.

## 9. Physical and Chemical Properties

**9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	Opaque	
<b>Physical state</b>	Liquid	
<b>Odor</b>	Slight	
<b>color</b>	white	
<u>Property</u>	<u>VALUES</u>	<u>Remarks/ Method</u>
<b>pH</b>	5.8	Approximately
<b>Melting point/freezing point</b>		None known
<b>Boiling Point/Range</b>		None known
<b>Flash Point</b>		None known
<b>Evaporation Rate</b>		None known
<b>Flammability (solid, gas)</b>		None known
<b>Relative Density</b>	1.01	<b>Specific gravity</b>
None known		<b>Bulk density</b>
None known		<b>Water solubility</b>
Dispersible		None known
<b>Solubility in Other Solvents</b>	No information available	None known
<b>Partition coefficient: n-octanol/water</b>		None known
<b>Autoignition temperature</b>	430 °C	None known
<b>Decomposition temperature</b>		None known
<b>Viscosity</b>		None known

**9.2 OTHER INFORMATION- NONE**

## 10. Stability and Reactivity

**Reactivity**

no data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Keep away from heat, sparks and open flame. - No smoking.

**incompatible materials**

Strong acids. Strong bases.

**Hazardous decomposition products**

Carbon oxides. Hydrocarbons.

**11. Toxicological Information****Information on Likely Routes of Exposure**

<b>Product information</b>	Syllit FL Acute oral LD50 >2000 mg/kg Acute dermal LD50 >200 mg/kg Acute inhalation LC50 0.65 mg/l/4hr
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Eye contact</b>	Causes serious eye damage.
<b>Skin contact</b>	Substance may cause slight skin irritation.
<b>Ingestion</b>	MAY BE HARMFUL IF SWALLOWED.

**Information on Toxicological Effects****Symptoms** No information available.**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	no data available.
<b>Carcinogenicity</b>	The information below indicates whether any agency has listed any ingredient as a carcinogen.
<b>Reproductive effects</b>	Not Available.
<b>STOT - Single Exposure</b>	no data available.
<b>STOT - Repeated Exposure</b>	no data available.
<b>Aspiration hazard</b>	No information available.

**Numerical Measures of Toxicity - See above****12. Ecological Information**

Marine Pollutant.

**ecotoxicity**

Toxic to aquatic life

**Persistence/Degradability**

no data available.

**Bioaccumulation/ Accumulation**

Bioaccumulative potential.

**Other Adverse Effects**

no data available

**13. Disposal Considerations****Waste Treatment Methods**

<b>Waste Disposal Method</b>	Pesticide wastes can be hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If the wastes cannot be disposed of by use or according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
<b>Contaminated packaging</b>	Do not reuse empty containers.

## 14. Transport Information

### DOT

<b>UN/ID no</b>	UN2902
<b>Proper shipping name</b>	Pesticide, liquid, toxic, n.o.s (Dodine)
<b>Hazard class</b>	6.1
<b>Packing group</b>	PG III
<b>IMDG - Marine Pollutant</b>	Marine Pollutant.

### IATA

<b>UN/ID no</b>	UN2902
<b>Proper shipping name</b>	Pesticide, liquid, toxic, n.o.s (Dodine)
<b>Hazard class</b>	6.1
<b>Packing group</b>	PG III
<b>Description</b>	Marine pollutant

### IMDG

<b>UN/ID no</b>	UN2902
<b>Proper shipping name</b>	Pesticide, liquid, toxic, n.o.s (Dodine)
<b>Hazard class</b>	6.1
<b>Packing group</b>	PG III
<b>Environmental hazards</b>	Marine pollutant

## 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

**Causes irreversible eye damage. Causes skin irritation. Harmful if swallowed or absorbed through the skin. Harmful if inhaled. Toxic to fish and aquatic invertebrates.**

### International Inventories

<b>USINV</b>	Not present
<b>DSL/NDSL</b>	Not present
<b>EINECS/ ELINCS</b>	Not Present
<b>ENCS</b>	Not Present
<b>China</b>	Not Present
<b>KECL</b>	Not Present
<b>PICCS</b>	Not Present
<b>AICS</b>	Not Present
<b>TSCA</b>	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

### 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.

### CERCLA

### CERCLA

### RCRA

### Pesticide Information

Component	FIFRA - Restricted Use	FIFRA - Pesticide Product Other Ingredients	FIFRA - Listing of Pesticide Chemicals	California Pesticides - Restricted Materials
Dodine 2439-10-3 ( 39.6 )			X	

### State Regulations

### State Right-to-Know

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Dodine - 2439-10-3		X			

### International regulations

#### U.S. EPA Label information

EPA Pesticide registration number 70506-611

## 16. Other Information

**NFPA**                      **HEALTH** 2                      **flammability** 0                      **Instability** 0                      **Physical hazard** -

**Preparation Date**                      14-Jun-2022

**Revision date**                      14-Jun-2022

#### **Revision Summary**

Add to system

#### Disclaimer

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**End of SDS**

