

TERRAZOLE 35WP

EPA Registration Number: 70506-569-59807

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING

Identification of the product

Product Description: TERRAZOLE L/CA

Other means of identification

Internal SDS code: 12-0596

UN/ID no: NA1993

Registration number(s): 70506-569-59807

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 Telephone Number:... 1-800-438-6071

Emergency Telephone Number:

Chemtrec:..... (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)

Serious eye damage / eye irritation	Category 2A 2B
Carcinogenicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 2

Label Elements

EMERGENCY OVERVIEW

DANGER

Hazard Statements Causes serious eye irritation.
CAUSES EYE IRRITATION
May cause cancer
Causes damage to organs through prolonged or repeated exposure

Appearance: Powder

Physical State: Solid

Odor: Sweet Musty

Precautionary Statements - Prevention

Wash hands thoroughly after handling
Do not eat, drink or smoke when using this product
Avoid release to the environment
Wear protective gloves/protective clothing/eye protection/face protection
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

Precautionary Statements - Response

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.
If on skin: Wash with plenty of water.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
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.
If exposed or concerned: Get medical advice/attention.

Precautionary Statements - Storage

Store in a well-ventilated place.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Hazards Not Otherwise Classified (HNOC)

None identified

OTHER INFORMATION

- Very toxic to aquatic life
- Very toxic to aquatic life with long lasting effects



3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Etridiazole	2593-15-9	35
Silicon dioxide	112926-00-8	19

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a poison control center or doctor for treatment advice.

Skin contact Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

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Inhalation Move 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 Do NOT induce vomiting. 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

May cause damage to organs through prolonged or repeated exposure.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to physician: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical.

Unsuitable extinguishing media High volume water jet.

Specific hazards arising from the chemical

No information available.

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. Provide adequate ventilation. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

Environmental Precautions

Environmental precautions 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 Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Wear personal protective

equipment. Remove and wash contaminated clothing before re-use. Avoid contact with skin and eyes. Provide adequate ventilation. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed in a dry and well-ventilated place. Do not store in metal containers.

Incompatible materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL
Silicon dioxide		(vacated) TWA: 6 mg/m ³ TWA: 20 mppcf: (80)/(% SiO ₂) mg/m ³ TWA

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. Safety glasses with side-shields. If splashes are likely to occur, wear: Face-shield.

Skin protection Wear protective gloves/clothing. Chemical resistant footwear.

Respiratory protection 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. Wash hands before breaks and immediately after handling the product. Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Powder
Physical State Solid
Odor Sweet Musty
Color Gray

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Property	VALUES	Remarks/ Method
pH	8	Approximately
Melting point/ freezing point		None known
Boiling Point/ Range		None known
Flash Point	> 110 °C	None known
Evaporation Rate		None known
Flammability (solid, gas)		None known
Relative Density		None known
Specific gravity	1.98 g/cm ³	None known
Bulk density		None known
Water solubility		None known
Solubility in Other Solvents		No information available
Partition coefficient: n-octanol/water		None known
Autoignition temperature		None known
Decomposition temperature		None known
Viscosity		None known

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	Extremes of temperature and direct sunlight.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure	
Product information	Terrazole 35% Acute oral LD50 (rat) 3266 mg/kg Acute dermal LD50 (rabbit) >2000 mg/kg Acute inhalation LC50 (rat) >2.8 mg/L/4hr

Inhalation	May cause irritation of respiratory tract.
Eye contact	Causes serious eye irritation.
Skin contact	Avoid contact with skin.
Ingestion	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	
Sensitization	No information available.
Mutagenic effects	no data available.
Carcinogenicity	The information below indicates whether any agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Silicon Dioxide 112926-00-8		Group 3		

Reproductive effects	Not Available.
STOT - Single Exposure	no data available.
STOT - Repeated Exposure	no data available.
Aspiration hazard	No information available.
Numerical Measures of Toxicity - Product information	
LD50 Oral	3266 mg/kg
LD50 Dermal	> 2000 mg/kg
LC50 Inhalation	> 11 mg/l (1 hr)

12. ECOLOGICAL INFORMATION

ecotoxicity	
Etridiazole:	
FISH	
Rainbow trout LC50 (96 hr) = 2.4 mg/L	
DAPHNIA	
Water flea EC50 (48hr) = 3.1 mg/L	
ALGAE Green algae EC50 (48hr) = 0.8 mg/L	
Bioaccumulation/ Accumulation	
No information available.	
Other Adverse Effects	
no data available	

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods	
Waste Disposal Method	Dispose of in accordance with local regulations.
Contaminated packaging	Refer to product label.

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14. TRANSPORT INFORMATION

DOT When shipped domestically by highway in non-bulk containers this product can be shipped as not regulated.

When shipped in bulk, by vessel, or internationally use the IMDG shipping description:

IATA

UNID no UN3077
Proper shipping name Environmentally hazardous substance, solid, n.o.s. (Etridiazole)
Hazard class 9
Packing group PG III
Description Marine pollutant

IMDG

UNID no UN3077
Proper shipping name Environmentally hazardous substances, solid, n.o.s (Etridiazole)
Hazard class 9
Packing group PG III
Environmental hazards 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 CAUTION

Causes moderate eye irritation. Harmful if inhaled or absorbed through skin.

International Inventories

USINV Not present

DSL/NDL Not present

EINECS/

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/NDL - 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 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:

CERCLA

Not applicable

CERCLA
RCRA
Pesticide Information

Component	FIFRA - Restricted Use	FIFRA - Pesticide Product Other Ingredients	FIFRA - Listing of Pesticide Chemicals
Etridiazole 2593-15-9 (35)			X
Silicon dioxide 112926-00-8 (19)			X

State Regulations

Component	California Prop. 65
Etridiazole 2593-15-9 (35)	Carcinogen

Chemical Name	CAS No	CATEGORY
Etridiazole	2593-15-9	Carcinogen

Prop 65 Pictogram

Prop 65 Warning Statement WARNING

California Proposition 65 This product can expose you to chemicals which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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State Right-to-Know

Chemical Name	Massachusetts	New Jersey
Etridiazole - 2593-15-9		
Silicon dioxide - 112926-00-8	X	X

Pennsylvania	Illinois	Rhode Island
	X	
X		

International regulations

U.S. EPA Label information

EPA Pesticide registration number 70506-596

16. OTHER INFORMATION

NFPA Health3 Flammability2 Instability0 Physical Hazard

Preparation Date 23-Aug-2021

Revision Date 02-Mar-2022

Revision Summary

Update registration number

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