



# Safety Data Sheet

Preparation Date 28-Feb-2022

Revision date 28-Feb-2022

Revision Number: 1

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

### Identification of the product

**Product Description** Captan 50 WP

### Other means of identification

**Internal SDS code** 12-454  
**UN/ID no** UN3077  
**Registration number(s)** 70506-454

### 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 4
Serious eye damage/eye irritation	Category 2B
Carcinogenicity	Category 2

### Label elements

#### EMERGENCY OVERVIEW

#### WARNING

#### Hazard Statements

Suspected of causing cancer  
May be harmful if inhaled  
Causes serious eye irritation



**Appearance** free-flowing powder**Physical state** solid**Odor** Mild pungent Nutty**Precautionary Statements - Prevention**

Do not handle until all safety precautions have been read and understood

Wear cold insulating gloves/face shield/eye protection

Do not get in eyes, on skin, or on clothing

Contaminated work clothing should not be allowed out of the workplace

Wear protective gloves

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

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 INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a POISON CENTER or doctor/physician

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards Not Otherwise Classified (HNOC)****OTHER INFORMATION**

- Very toxic to aquatic life
- Toxic to aquatic life

### 3. Composition/information on Ingredients

Chemical name	CAS No	Weight-%
Captan	133-06-2	48.9
hydrous magnesium silicate	14807-96-6	40.37

If CAS number is "proprietary", the specific chemical identity and percentage 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 soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists. Remove and wash contaminated clothing before re-use.

**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. Seek immediate medical attention/advice.

**Ingestion**

Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. 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. MAY CAUSE ALLERGIC SKIN REACTION.

**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>). Water spray. Dry chemical.

**Unsuitable extinguishing media** None.

**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. Use personal protective equipment. Provide adequate ventilation. Remove all sources of ignition.

**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. Do not let spilled or leaking material enter waterways. Do not empty into drains or water courses. Do not allow to enter into soil/subsoil.

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

**Methods for Clean-Up** Take up mechanically and collect in suitable container for disposal.

### 7. Handling and Storage

**Precautions for safe handling**

**Handling** Remove and wash contaminated clothing before re-use. Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin and eyes. 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. Protect from moisture.

**incompatible materials** Alkaline and acidic conditions and materials.

### 8. Exposure Controls/Personal Protection

**Exposure guidelines**

Chemical name	ACGIH TLV	OSHA PEL
Captan	TWA: 5 mg/m <sup>3</sup> inhalable particulate matter	(vacated) TWA: 5 mg/m <sup>3</sup>
hydrous magnesium silicate	TWA: 2 mg/m <sup>3</sup> particulate matter containing no	(vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos

	asbestos and <1% crystalline silica, respirable particulate matter	TWA: 20 mppcf if 1% Quartz or more;use Quartz limit
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**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**

**Skin protection**

**Respiratory 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. Long sleeved clothing. Chemical resistant footwear plus socks. Chemical resistant gloves. 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. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product.

**9. Physical and Chemical Properties**

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

**Appearance** free-flowing powder  
**Physical state** solid  
**Odor** Mild pungent Nutty  
**color** Yellow cream

<u>Property</u>	<u>VALUES</u>	<u>Remarks/ Method</u>
<b>pH</b>	7.7	None known
<b>Melting point/freezing point</b>		None known
<b>Boiling Point/Range</b>		None known
<b>Flash Point</b>	No information available	None known
<b>Evaporation Rate</b>		None known
<b>Flammability (solid, gas)</b>		None known
<b>Specific gravity</b>		None known
<b>Bulk density</b>		None known
<b>Water solubility</b>		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>		None known
<b>Decomposition temperature</b>		None known
<b>Viscosity</b>		None known

**9.2 OTHER INFORMATION**

**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**

Excessive heat and open flame. Exposure to moisture. Incompatible Products.

**incompatible materials**

Alkaline and acidic conditions and materials.

**Hazardous decomposition products**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

## 11. Toxicological Information

**Information on Likely Routes of Exposure**

<b>Product information</b>	Captan 50 WP Acute oral LD50 >5050 mg/kg Acute dermal LD50 >5050 mg/kg Acute inhalation LC50 >2.25 mg/L/4hr
<b>Inhalation</b>	HARMFUL IF INHALED.
<b>Eye contact</b>	Causes substantial but temporary eye injury.
<b>Skin contact</b>	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
<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**

**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
Captan 133-06-2	A3	Group 3		-
hydrous magnesium silicate 14807-96-6	-	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 - See above**

## 12. Ecological Information

**ecotoxicity**

Toxic to aquatic life with long lasting effects

**Persistence/Degradability**

no data available.

**Bioaccumulation/ Accumulation**

No information available.

**Other Adverse Effects**

no data available

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

<b>Waste Disposal Method</b>	Pesticide wastes are acutely 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>	Triple rinse (or equivalent) then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by other procedures approved by State and local authorities.

**14. Transport Information**

<b>DOT</b>	When shipped domestically (US) in packages greater than 10 lbs the following description must be used:
<b>UN/ID no</b>	UN3077
<b>Proper shipping name</b>	Environmentally hazardous substances, solid, n.o.s (Captan)
<b>Hazard class</b>	9
<b>Packing group</b>	PG III
<b>Reportable Quantity (RQ):</b>	10 lbs
<b>Description</b>	Marine pollutant

<b>IATA</b>	
<b>UN/ID no</b>	UN3077
<b>Proper shipping name</b>	Environmentally hazardous substances, solid, n.o.s (Captan)
<b>Hazard class</b>	9
<b>Packing group</b>	PG III
<b>Description</b>	Marine pollutant

<b>IMDG</b>	
<b>UN/ID no</b>	UN3077
<b>Proper shipping name</b>	Environmentally hazardous substances, solid, n.o.s (Captan)
<b>Hazard class</b>	9
<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** WARNING

**Causes substantial but temporary eye injury. Prolonged or frequent repeated skin contact may cause allergic reaction in**

some individuals. Toxic to fish.

**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 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	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Captan 133-06-2	10 lb			X

**CERCLA**

Chemical name	RQ	CERCLA EHS RQs	RQ
Captan 133-06-2	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ

**CERCLA**

Component	RQ
Captan 133-06-2 ( 48.9 )	10 lb

**RCRA**

**Pesticide Information**

Component	FIFRA - Restricted Use	FIFRA - Pesticide Product Other Ingredients	FIFRA - Listing of Pesticide Chemicals	California Pesticides - Restricted Materials
Captan 133-06-2 ( 48.9 )			X	
hydrous magnesium silicate 14807-96-6 ( 40.37 )			X	

**State Regulations**

Component	California Prop. 65	
Captan 133-06-2 ( 48.9 )	Carcinogen	
Chemical name	CAS No	CATEGORY

Captan	133-06-2	Carcinogen
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**Prop 65 Pictogram**



**Prop 65 Warning Statement  
California Proposition 65**

**WARNING**

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](http://www.P65Warnings.ca.gov)

**State Right-to-Know**

Chemical name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Captan - 133-06-2	X	X	X	X	
hydrous magnesium silicate - 14807-96-6	X	X	X		

**International regulations**

**U.S. EPA Label information**

**EPA Pesticide registration number** 70506-454

**16. Other Information**

**NFPA**                      **HEALTH** 3                      **flammability** 1                      **Instability** 0                      **Physical hazard** -

**Preparation Date**                      28-Feb-2022

**Revision date**                      28-Feb-2022

**Revision Summary**

Add to system

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**End of SDS**