

Sharda International Africa cc.

P.O. Box 82021, Southdale, 2135, South Africa.

Tel: 011-680.5247, Fax: 011-680.4848

eMail: shardain@vsnl.com, Website: <http://www.shardaintl.com>

(Company registration No. 2006/186705/23)

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SAFETY DATA SHEET "SHARDA CAPTAN 800 WG"

Date of Issue: August 2012.

1. IDENTIFICATION OF PRODUCT AND COMPANY

Name of Product: "Sharda Captan 800 WG"

Active Ingredient: Captan

Product Use: Fungicide.

Registration holder: Sharda International Africa cc.

Address: P.O. Box 82021, Southdale, 2135.

Contact Tel. No.: 011-680-5247

Emergency Tel. No.:

Poison Centres: UNITAS Hospital – 0800-111-9900
Tygerberg Hospital – 021-931-6129
NetCare: 082911.

2. HAZARD IDENTIFICATION (Substance hazard class and category)

Active Ingredient and Formulation Health Risk: May be irritating to mucous membranes and eyes.

Inhalation: Inhalation may cause mild irritation and coughing.

Skin Contact: May cause mild irritation. Prolonged or repeated use may cause an allergic reaction in certain sensitive individuals.

Eye Contact: Can cause severe irritation and irreversible corrosion.

Ingestion: Ingestion may cause nausea.

Environmental Risks: Toxic to fish and aquatic organisms.

Other Risks: Do not contaminate any water body.

3. COMPOSITION AND INFORMATION ON INGREDIENTS (For each hazardous substance)

Chemical Name: N-(trichloromethylthio)cyclohex-4-ene-1,2-dicarboximide

Common Name: Captan

CAS No.: 133-06-2

UN No.: 3077

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Chemical Identity	CAS No.	Concentration
Captan	133-06-2	800 g a.i./kg
Inert ingredients		made up to 1.0 kg

4. FIRST AID MEASURES

Eye contact: Flush eyes with plenty of clean water for at least 15 minutes.
Obtain immediate medical attention.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water.

Inhalation: Remove patient to fresh air. Administer symptomatic treatment and obtain medical attention.

Ingestion: Drink a glass of water. Obtain medical attention. Do not induce vomiting unless directed by medical personnel. Do not give anything by mouth to an unconscious person.

Advice to doctors / physician: Treat symptomatically.

Antidote: None known.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use foam, dry chemical, CO₂ or low pressure water fog to extinguish flames.

Fire and Explosion Hazards: The product is not flammable. Containers must be regarded as flammable.

Hazardous Products: All water run-off must be contained and contamination of drains and waterways must be prevented.

Fire Fighting Equipment: Personal protective clothing and self-contained fire-fighting equipment is recommended.

6. ACCIDENTAL RELEASE MEASURES (Spillage)

Personal Precautions and Protective Equipment: Wear personal protective equipment (overall, boots, face mask/respirator).

Emergency Procedures: Sweep up spilled product and place in marked containers for later safe disposal.

Environmental Precautions: Prevent contamination of surrounding areas, drains and waterways.

Refer to Section 13 for disposal of spilled material.

7. HANDLING AND STORAGE

Good industrial practice in housekeeping and personal hygiene should be followed at all times when handling this product. Areas for handling and storage should be well ventilated.

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Handling:

Minimize dust generation and accumulation.

Avoid contact with eyes.

Do not eat, drink or smoke while handling this product.

Wash hands and exposed skin thoroughly after handling or contact with this product and before eating and drinking.

Do not contaminate drains, sewers and water bodies when disposing of equipment rinse water.

Refer to Section 13 for disposal of rinse water.

Observe all safeguards on the label as to cleaning and destruction of the container.

Storage:

Store in a cool dry well ventilated place.

Store where protected from sunlight and humidity.

Keep out of reach of children, uninformed persons and animals.

Store away from food, drink, seed and animal feed.

Store only in the original labelled container.

Keep the container tightly closed at all times when not in use.

Minimum Shelf Life: 2 years

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Clothing

To reduce personnel exposure to this product, it is recommended to use appropriate personal protective clothing when handling this product.

Wear respiratory protection to avoid inhalation of dust.

Wear goggles/face mask to prevent eye contact.

Wear an overall, gloves and boots.

Exposure Control Parameters

TLV (USA): TWA – 5 mg/m³.

Engineering Controls:

Facilities storing or utilising this product must be equipped with an eye wash facility and a safety shower.

Hygiene Measures:

Do not eat, drink, smoke or go to the bathroom while handling this product.

Wash face, hands and exposed skin after handling this product.

Wash contaminated clothing after exposure to this product.

Re-entry Interval: Do not enter treated area until the spray deposit has dried unless wearing protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES OF PRODUCT

These are typical data based on tests but may vary from sample to sample. These typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

Appearance, Colour	Beige
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Form	WG (wetable granules)
Odour	Feint organic characteristic.
pH	6 - 7
Flash Point	Not flammable below 130 °C
Flammability	Not flammable.
Density	0.668
Solubility	Soluble in water.
Volatility	Not volatile at ambient temperatures.
Corrosivity	Generally not corrosive; slightly corrosive to copper.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Avoid storage under high humidity and direct sunlight.

Reactivity Hazards:

Hazardous Decomposition: Hydrogen chloride; oxides of hydrogen, nitrogen, sulphur and carbon.

Incompatibility: Alkaline conditions and strong acidic conditions.

Conditions to Avoid: Exposure to high humidity and excessive heat.

11. TOXICOLOGICAL INFORMATION

This section is intended for use by toxicologists and health professionals.

Data obtained on this and similar products and components are summarised below.

Acute Oral Toxicity: Rat, LD50: > 2 000 mg/kg body weight

Acute Dermal Toxicity: Rat, LD50: > 5 000 mg/kg body weight

Skin Irritation/Corrosion: Rabbit, Not a skin irritant.

Eye Irritation/Damage: Rabbit, Corrosive and an irritant; irreversible damage may occur.

Skin Sensitization: Guinea Pig, Mild skin sensitizer in certain sensitive individuals.

Mutagenicity: Not mutagenic or very low potential to be mutagenic.

Carcinogenicity: Captan is a possible carcinogen.

Toxicity to Reproduction and/or Fertility: Captan does not have an effect on reproduction and fertility.

Developmental Toxicity / Teratology: Captan is not teratogenic

12. ECOLOGICAL INFORMATION

This section is intended for use by ecotoxicologists and environmental specialists.

Data obtained on this and similar products and components are summarised below.

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Aquatic Toxicity, Fish: Captan is toxic to fish.

Bird Toxicity: Captan is practically non-toxic to birds.

Honey bee (*Apis mellifera*) Toxicity: Captan is non-toxic to bees.

Bioaccumulation: Not expected.

Persistence / Degradability: DT₅₀ is between 1 and 10 days in soils depending on temperature, moisture and micro-organisms.

Mobility in Soil: Captan is slightly mobile to immobile depending on soil texture.

Possible Impact on the Environment: Hazardous to aquatic fauna.

13. DISPOSAL CONSIDERATIONS

Product

Recycle if appropriate equipment and/or facilities are available.

Do not burn.

Dispose of as hazardous industrial waste.

Keep out of drains, sewers, ditches and water ways.

Follow all local / regional / national / international regulations.

Containers

Triple or pressure rinse empty containers.

Pour rinse water into spray tank; spray on target area.

Store for collection by approved waste or recycling disposal service.

Dispose of as non-hazardous industrial waste.

Do not use containers for any other purpose.

Follow all local / regional / national / international regulations.

14. TRANSPORT INFORMATION

For safe transport of hazardous substances apply appropriate local codes, classifications and regulations.

UN No.: 3077

UN Shipping Name: Environmentally hazardous substance, solid, N.O.S (Captan 80%), 9, UN 3077, PG III, RQ

Land Transport: Environmentally hazardous substance, solid, N.O.S Captan, 9, UN 3077, PG III.

Sea Transport: Environmentally hazardous substance, solid, N.O.S Captan, 9, UN 3077, PG III.

Air Transport: Environmentally hazardous substance, solid, N.O.S Captan, 9, UN 3077, PG III.

River or Lake Transport: Environmentally hazardous substance, solid, N.O.S Captan, 9, UN 3077, PG III.

Packaging Group: III, Class 9

Marine Pollutant: Yes

Special Transport Precautions:

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15. REGULATORY INFORMATION

RSA: Registration Number L , Act Number 36 of 1947.

SEARCH: Registration in the following countries –

RSA Classification: Group III (Blue, Caution)

R36: Irritating to eyes.

R40: Possible risk of irreversible effects.

S36/37: Wear suitable protective clothing and gloves.

16. OTHER

The information presented is not necessarily exhaustive but is regarded as representative. These data are presented in good faith and are believed to be correct. No representation as to the completeness or accuracy of these data is made. No responsibility for damages of any nature whatsoever resulting from the use of or reliance upon this information will be accepted. In the event of any uncertainty, consult the supplier before use.
