

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name	:	Sulphur 80% WDG
Chemical Name	:	Sulphur
Type	:	Fungicide
Molecular formula	:	S
Manufacturer	:	Agrow Allied Ventures Pvt. Ltd. Enkay Tower, Udyog Vihar-V, Gurugram, 122016, India
Telephone No.	:	+124 4600414
Website	:	www.agrowallied.in

2. Composition/Information on ingredients

Chemical Name	CAS#	Percent or content(w/w)
Sulphur	7704-34-9	80.00 %
Sodium salt of phenol sulphonic acid condensate	98-67-9	8.0%
Sodium salt of alkyl naphthylene sulphonic and aromatic sulphonic acid condensate	9084-06-4	2.0%
Chin clay	1332-58-7	30.00 %
Total	-	100.0%

3. Health Hazards Identification

In case of contact with eyes it causes irritations. Causes irritations by inhalation and skin contact.

4. First Aid Measures

Skin contact:

Wash thoroughly with soap and clean water.

Eye contact:

Flush eyes immediately with plenty of water for at least 10 minutes.

Ingestion:

Induce vomiting. Seek medical advice.

Show container, label and/or safety data sheet to physician.

It is possible to subadministrate active carbon or medicinal mineral vaseline oil.

Inhalation:

Aerate the ambient. Get the person out of the contaminated area into fresh air.

If a rash appears, contact a physician immediately.

5.Fire Fighting Measures

Extinguishing media:

Water spray, CO₂, dry chemical or foam, depending on involved materials.

Forbidden extinguishing media:

None.

Risks in case of fire

In case of fire Sulphur produces Sulphur dioxide toxic fumes (SO₂).

Personal protective equipment:

Wear self-contained breathing apparatus.

6.Accidental Release Measures

Individual precautions:

Appropriate clothing and gloves.

Environmental precautions:

Collect the spillage with sand or ground, in order to prevent any material from entering drains or waterways. Waste properly the contaminated material.

Inform authorities if material enters sewers or watercourse.

Cleaning methods:

Wearing properly, quickly collect the product and put it in appropriate containers.

After collecting the product, wash with water the contaminated area and furnishing. Put the washing water in appropriate containers.

7. Handling and Storage

Handling:

Avoid contact and inhalation.

When handling the product neither eat nor drink. Do not smoke.

Storage:

Keep possibly in well vented place. KEEP OUT OF REACH OF CHILDREN.

8. Exposure Controls/Personal Protection

Specific hygiene measures:

Store and manipulate the product in a well vented place.

Respiratory protection:

Not necessary in normal conditions.

Hands protection:

Not necessary in normal conditions.

Eyes protection:

Not necessary in normal conditions.

Skin protection:

Not necessary in normal conditions.

Exposure limits: none.

9. Physical and Chemical Properties

Appearance: Water dispersible granules

Colour: Light Brown

Odour: characteristic

pH: 6.21 (1% in water)

Flammability: 207°C

Bulk density: 0.8645g/ml

Molecular weight: 32.06 g/mol

10. Stability and Reactivity

Conditions to avoid:

Stable product under normal conditions.

Substance to avoid:

None.

Dangerous decomposition products:

In case of fire burns, making toxic fumes of Sulphur dioxide (SO₂).

11. Toxicological Information

LD50 Oral (rats)	:	>2000mg/kg
LD50 Dermal (rats)	:	>2000mg/kg
LC50 Inhalation (rats)	:	>3.16 mg/l (air)
Rabbit eye and skin irritation (rabbit)	:	Not an irritant
Skin Sensitization(Guinea Pig)	:	Not an skin sensitizer

12. Ecological Information

Use the product according the good working practices, avoiding to disperse the product into environment.

13. Disposal Considerations

Recycle if possible. Use the product according the local and national laws and regulations.

14. Transport Information

Product Name : Sulphur-Non-Metallic Form

State of chemical : Solid

UN No. : Not Regulated

IMDG : Not Regulated

Freight description: : Agricultural Fungicide, solid, n.o.s.

15.Regulatory Information

Symbol: Xi irritating

Risk phrases: R36/37/38 Irritating to eyes, respiratory system and skin.

16.Other Information

The information on this sheet is not a specification; it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions or recommendations are not followed. All information is given in good faith but without guarantee in respect of accuracy, and no responsibility is accepted for errors and omissions or the consequence thereof.

PREPARED BY: AAVPL, Safety Division

Date: 01.02.2024