



CHEMET WETS & FLOWS P. LTD.

AN ISO 9001:2008; ISO 14001:2004; OHSAS 18001:2007 CERTIFIED COMPANY

G-12 Hemkoot Building, B/H LIC Office, Opp. B.M. Institute of Mental Health, Ashram Road, Ahmedabad-380009. Gujarat. INDIA.

Phone : 079-26586091, Fax : 079-26587111 Email : info@chemet.in Website : www.chemet.in

PRODUCT SAFETY DATA SHEET OF CARBENDAZIM 50 % WP

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name	SEEDZIM 50 WP
Technical Name	CARBENDAZIM 50 % WP
Chemical Name	Methyl 1H-benzimidazol-2-ylcarbamate.
Formula	C ₉ H ₉ N ₃ O ₂
Supplier	CHEMETWETS & FLOWS PVT.LTD Plot no.129/c/2,s GIDC Estate, Ankleshwar_393002
Manufacturer	CHEMETWETS & FLOWS PVT.LTD Plot no.129/c/2, GIDC Estate, Ankleshwar_393002
Emergency Phone No.	02646-239490
Fax No	02646-220254
Environmental, Health and Safety Department	02646-239490 02646-220254
E-mail:	chemetank@gmail.com

2. COMPOSITION INFORMATION OF INGREDIENTS

Composition	CAS no.	Percentage
Carbendazim WP	10605-21-7	50%

3. HAZARDS IDENTIFICATION SUMMARY

Toxicity Class	Non Hazardous
Symptoms of poisoning	Irritant
Skin	Minimally toxic and not irritating
Eyes	Non- eye irritation
Inhalation	



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Not a likely route of exposure when handling the concentrate. Care should be taken to avoid inhalation of excessive amount of material during field spraying May be Irritating to the respiratory system.

Ingestion

Amount swallowed incidental to normal handling procedures and use are not expected to cause injury

Other information

Non Toxic in general

4. FIRST AID MEASURES

Inhalation

Remove source of contamination or move victim to fresh air. Keep victim warm and at rest. Treat symptomatically and Supportively. Obtain medical advice if necessary.

Skin contact

Remove contaminated clothing, shoes and leather goods, Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap.

Eye contact

Immediately flush the eyes with gently flowing, lukewarm water or saline solution for 20 minutes, occasionally lifting the upper and lower lids. Obtain medical attention if necessary.

Ingestion

Wash mouth out with water. If vomiting occurs, give more water to drink to assist dilution.

Other information

Treat symptomatically and supportively as and when required.

Antidote

No specific antidote is known, Treat symptomatically

5. FIRE FIGHTING MEASURES

Flash point

Non- combustible

Extinguishing media

Preferred extinguishing media are Carbon Dioxide, dry chemical, Foam, water Fog.

Special exposure hazards

Fire may involve dehydrated compounds, which may emit oxides of carbon, nitrogen and possibly hydrogen chloride.



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6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid Contact with skin and eyes .Do not breathes in fumes.

Environmental precautions

Do not allow entering drains or watercourses. When the product contaminates public waters, inform appropriate authorities immediately in accordance with local regulations.

7. HANDLING AND STORAGE

Handling

Provide appropriate exhaust ventilation at places where dusts formed. Wear personal protective equipment. Keep away from heat and sources of ignition.

Storage

Store in a place accessible by authorized person only. Keep away from food, drink and animal feeding stuffs. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering control measures

It is essential to provide adequate ventilation. The measures appropriate for a particular work site depend on how this material is used and on the extent of exposure. Ensure that Control systems are properly designed and maintained. Only spark –resistant equipment should be used. Comply with occupational safety, environmental, fire and other applicable Regulations.

Personnel Protection Equipment

Respirator

An approved full-face respirator suitable for protection from dusts and mists of pesticides is required. Limitations of respirator use specified by the approving agency and the manufacturer must be observed. Comply with occupational safety, environmental, fire, and other applicable regulations.

Clothing

Employee must wear appropriate protective (impervious) clothing, boots and equipment to prevent repeated or prolonged skin contact with this substance. Do not wear leather Clothing.

Gloves

Employee must wear appropriate chemical resistant Protective gloves to prevent contact with this substance.

Eye protection



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The use of safety goggles is recommended. Emergency eye wash: Where there is any possibility that an employee's eyes may be exposed to this substance; the employer should provide an eye wash fountain or appropriate alternative within the immediate work area for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Powder
Color	Colorless
Acidity (As H ₂ SO ₄)	0.05 % max.
Stability	Stable for two years in normal conditions
Odor	Specific Odor
Flammability	Not flammable

10. STABILITY AND REACTIVITY

Stability

Stable under normal, dry storage conditions. Slowly decomposed by heat and moisture.

Conditions to avoid

No special precautions other than good housekeeping of chemicals.

Incompatibility

Incompatible with oxidation materials and acids. The Product is compatible with many other pesticides when used at normal rates. However, a compatibility test is required before using with other products. Do not physically mix concentrate directly with other herbicides or pesticide concentrates; always dilute first.

Hazardous decomposition

Thermal decomposition products may emit oxides of carbon and nitrogen. And possibly hydrogen chloride.

11. TOXICOLOGICAL INFORMATION.

Acute Oral	>15000 mg/kg in rats
Acute Dermal	> 2000 mg/kg
Acute Inhalation	>5.5 mg/L in rats (4 hour).
Skin Irritation	Non irritation to skin



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Eye Irritation	Non irritation.
Dermal sensitization	No sensitizing.
Mutagen city	Results taken from animal studies suggest that the product is not mutagenic.

12. ECO LOGICAL INFORMATION:

No Data available

13. DISPOSAL CONSIDERATION

Pesticide disposal

Contaminated absorbents, used containers, surplus product, etc., in an Approved landfill.
Comply with local legislation applying to waste disposal.

14. TRANSPORT INFORMATION

NA

15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

None.

DISCLAIMER

All reasonable care has been exercised in processing your request for information on the chemical listed in this Material Safety Data Sheet. No warranty is made, either expressed or implied and Perisseuma Projects does not hold itself liable for any injury, illness, loss or misinterpretation arising from the use of this data. CHEMET WETS & FLOWS P.LTD makes no warranty expressed or implied in respect of the adequacy of this document for any particular purpose.

PREPARED BY:

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