



New Boraste Agrotech Pvt. Ltd.

(AN ISO 9001: 2015 | ISO 14001: 2015 | OHSAS 45001: 2018 CERTIFIED COMPANY)

- Further information obtainable from: PHONE: +919767541125, +917758886433, +917720026974, +918080097607, +919665512051, +919860581125.
- E-mail: info@newborasteagrotech.com , marketing@newborasteagrotech.com .
- 1.4 Emergency telephone number
 - Emergency telephone number: PHONE: +917720026974, +918080097607 .
 - Other Comments (e.g. language(s) of the phone service): English.

SECTION 2: Hazards identification

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- 2.1 Classification of the substance or mixture
 - Classification according to Regulation (EC) No 1272/2008 :
The substance is not classified, according to CLP regulation
- 2.2 Label elements
 - Hazard pictograms/Signal word/Hazard statements: Not applicable / No signal word / Not applicable.
- 2.3 Other hazards
 - The substance has **no endocrine-disrupting properties** according to Regulation (EU) 2017/2100.
 - Results of PBT and vPvB assessment: No further relevant information available.



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PAN: AAHCN8687J CIN: U01110MH2021PTC369636 REGISTRATION NUMBER: 369636 GSTIN: 27AAHCN8687J12M.

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SECTION 3: Composition/information on ingredients

- **3.1 Chemical characterisation:** Substances.
- **Chemical Name:** Magnesium sulphate heptahydrate.
- **CAS No. Description:** 10034-99-8 Magnesium sulphate heptahydrate.
- **EC number:** 231-298-2/ 600-073-4.
- **Additional information:**
 - **Molecular Formula:** $MgSO_4 \cdot 7H_2O$
 - **Molecular Weight:** 246.48 g/mol
 - **Concentration:** 99-99.5%
 - **SVHC:** The substance is not in the SVHC list.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
 - **General information:** First Aid Personnel should pay attention to their own safety.
 - **After inhalation:** If breathed in, move out of affected area and supply fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
 - **After skin contact:** Generally, the product does not irritate the skin, but in any case, wash thoroughly with water and soap.
 - **After eye contact:** Wash affected zones with plenty of water for at least 15 minutes. Rinse opened eye for several minutes under running water.



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- **After swallowing:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Treat symptomatically.
- **4.2 Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents:** Powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
 - In case of fire, the following can be released: Sulphur dioxide (SO₂) and Magnesium oxide.
- **5.3 Advice for firefighters**
 - **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 - Wear protective equipment. Keep unprotected persons away.
 - Avoid formation of dust. Avoid contact with skin and eyes.



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6.2 Environmental precautions

- Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up

- Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections:

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Handle in accordance with good industrial hygiene and safety practice.
- Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Keep away from sources of ignition, no smoking.

7.2 Conditions for safe storage, including any incompatibilities

- **Storage - Requirements to be met:** Store in a cool, dry, well-ventilated area away from incompatible substances.
- **Incompatible storage materials:** Avoid contact with sodium, sodium oxide, other alkali metals and oxides.
- **Further information about storage conditions:** Keep container tightly sealed.



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7.3 Specific end use(s):

- Used as basic chemical and during synthesis in chemical industry, also used as fertilizer and as laboratory chemicals.
- In agriculture and gardening, Magnesium sulphate is used to correct Magnesium Deficiency in soil.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.

8.2 Exposure controls

- **General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed. Remove and wash contaminated clothing before re-use.
- **Respiratory protection:** Where protection from nuisance levels of dusts is desired, use type N95 (US) or type P1 (EN 143) dust masks.
- **Protection of hands:** Wear protective gloves. The glove material must be impermeable and resistant to the product/substance.
- **Eye protection:** Safety glasses with side shield.
- **Body protection:** Protective work clothing.



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Property	Value
Appearance	Solid, Crystalline
Colour	Whitish
Odour	Odourless
pH-value	6-9
Melting point/freezing point	1124 °C
Initial boiling point and boiling range	Data waiving (not required for solids which melt above 300 °C)
Flash point	Not relevant
Flammability (solid, gas)	Non flammable
Decomposition temperature	>700 °C
Explosive properties	Product does not present an explosion hazard.
Oxidising properties	No oxidising properties.
Density (Relative density at 20 °C)	1.67 gcm ³



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Property	Value
Solubility in / Miscibility with water at 100 °C	73.8 g/l

- **9.2 Other information:** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity:** No further relevant information available.
- **10.2 Chemical stability:** Stable under normal conditions.
- **10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- **10.4 Conditions to avoid:** Avoid contact with incompatible materials. Heat decomposition on heating to 1124 °C
- **10.5 Incompatible materials:** Strong oxidizing agents.
- **10.6 Hazardous decomposition products:** Sulphur oxides, Magnesium oxide (formed under fire conditions).

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity:** Classification criteria are not met.
 - **Primary irritant effect:** Skin corrosion/irritation, Serious eye damage/irritation, Respiratory or skin sensitisation classification criteria are not met.



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- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** Classification criteria for Germ cell mutagenicity, Carcinogenicity, Reproductive toxicity are not met.
- **STOT-single exposure, STOT-repeated exposure, Aspiration hazard:** Classification criteria are not met.
- **11.2 Other information on hazards**
 - **11.2.1 Endocrine disrupting properties:** The substance has **no endocrine-disrupting properties** according to Regulation (EU) 2017/2100.

SECTION 12: Ecological information

- **12.1 Toxicity (Aquatic toxicity):** No further relevant information available.
- **12.2 Persistence and degradability:** No further relevant information available.
- **12.3 Bioaccumulative potential:** No further relevant information available.
- **12.4 Mobility in soil:** No further relevant information available.
- **General notes:** Water hazard class 1 (German Regulation) - **slightly hazardous for water**. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment:** No further relevant information available.
- **12.6 Endocrine disrupting properties:** The substance has **no endocrine-disrupting properties** according to Regulation (EU) 2017/2100.
- **12.7 Other adverse effect:** No further information is available.



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SECTION 13: Disposal considerations

- **13.1 Waste treatment methods (Recommendation):** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging (Recommendation):** Dispose of content/container according to local/regional/national/international regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
- **14.2 UN proper shipping name**
- **14.3 Transport hazard class(es)**
- **14.4 Packing group:** Not regulated.
- **14.5 Environmental hazards:** Not applicable.
- **14.6 Special precautions for user:** Not applicable.
- **14.7 Transport in bulk:** Not applicable.



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SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:** The substance is **not classified** (No pictogram/No signal word).
- **15.2 Chemical safety assessment:** Chemical Safety Report **not required** as the substance is not classified.

SECTION 16: Other information

- **Department issuing SDS:** Product safety department.
- **Contact:** PHONE:+917720026974, +918080097607. Email: info@newborasteagrotech.com, marketing@newborasteagrotech.com.



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Safety Data Sheet

COMMISSION REGULATION (EU) 2020/878 OF 18 JUNE 2020 AMENDING ANNEX II TO REGULATION (EC) NO 1907/2006

PRINTING DATE 11-11-2025

VERSION NUMBER 1

REVISION 11-11-2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Trade name: Magnesium sulphate heptahydrate
- CAS Number: 7487-88-9/ 10034-99-8
- EC number: 231-298-2/ 600-073-4

1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture

Used as basic chemical and during synthesis in chemical industry. Also used as fertilizer and as laboratory chemicals.

In agriculture and gardening, Magnesium sulphate is used to correct Magnesium Deficiency in soil.

1.3 Details of the supplier of the safety data sheet

- Manufacturer/Supplier:** New Boraste Agrotech Pvt. Ltd.
- Office Address:** GAT NO – 292, PIMPALGAON KETAKI ROAD, DINDORI, TAL – DINDORI, DIST – NASHIK, MAHARASHTRA, INDIA. PIN CODE: 422202.
- Factory Address:** GAT NO – 292, PIMPALGAON KETAKI ROAD, DINDORI, TAL – DINDORI, DIST – NASHIK, MAHARASHTRA, INDIA. PIN CODE: 422202.



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