

DR. JOE GROWING BUBBLE

Material Safety Data Sheet

1.1. PRODUCT NAME Dr. Joe Growing Bubble 18-5-10

1.2. RELEVANT USES Use as an agricultural fertilizer

1.3. DETAILS OF THE SUPPLIER OF THIS MATERIAL SAFETY DATA SHEET

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Name : Dr. Joe Growing Bubble 18-5-10

Element	CAS
N: 18.0%2w/w	57-13-6
K ₂ O: 5.0%w/w	12136-45-7
P ₂ O ₅ : 10.0%w/w	1314-56-3

3. HAZARDS AND IDENTIFICATION

Product name: Dr. Joe Growing Bubble 18-5-10
Substance/preparation : Substance
Classification number: C; R34
See section 16 for the full text of the R-phrases declared above
Occupational exposure limits, if available, are listed in section 8.

4. FIRST AID MEASURES

Skin contact: Wash with soap and water
Eye contact: Wash with water for 15 minutes.
Inhalation: Move to fresh air and rest. Consult a physician
Ingestion: If swallowed do not induce vomiting, seek medical advice

5. FIRE-FIGHTING MEASURES

Extinguishing media : In case of fire, use water spray (fog), foam or dry chemical.
Special exposure hazards : Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.
Hazardous thermal : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂ etc.), decomposition products: phosphates.

6. ACCIDENTAL RELEASE MEASURE

Personal precautions :Use suitable protective equipment (section 8). Follow all fire-fighting procedures (section 5).
Avoid contact of spilled material and runoff with soil and water courses.
Environmental precautions and clean-up methods:
Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container.
Absorb with dry earth, sand or other non-combustible material. Avoid creating dusty conditions and

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Material Safety Data Sheet

prevent wind dispersal. Keep out of waterways. See section 13 for waste disposal information.
Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling : Do not get in eyes, on skin or on clothing. Keep container closed. Use only with adequate ventilation. Do not breathe dust. Wash thoroughly after handling.

Storage : Store and use away from heat, sparks, open flame or any other ignition source. Avoid contact

with combustible materials. Prevent moisture pick-up in handling and storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory: Use only in well ventilated areas

Hand protection: Wear gloves

Eye protection: Wear goggles

Skin protection: Wear Suitable protection clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Tablet. Odorless

Molecular Weight: Unknown

Boiling Point: N/A

Melting Point: N/A

Vapor Pressure: N/A

Specific Gravity: Unknown

Percent Volatile: None

pH: 7~7.5

Solubility in Water: Min 99% at 25°C

Evaporation Rate: N/A

10. REACTIVITY AND STABILITY

Stability : Stable under recommended storage and handling conditions (see section 7).

Materials to avoid : Highly reactive or incompatible with the following materials: oxidizing materials, reducing materials and alkalis.

Hazardous decomposition : These products are carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂ etc.),

Remark : Decomposes on heating. Releases ammonia and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Potential acute health effects Inhalation : Corrosive to the respiratory system.

Ingestion : Harmful if swallowed.

Skin Contact : Corrosive to the skin.

Eye contact : Corrosive to eyes.

12. ECOLOGICAL INFORMATION

Mobility : Contact with water liberates

Adverse effects : The product is not expected to harm the environment when used properly according to

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Material Safety Data Sheet

directions.

Remarks : Used in excess quantities the product can cause eutrophication in water.

13. DISPOSAL CONSIDERATION

Methods of disposal : Empty containers or liners may retain some product residues. Do not empty into drains; dispose of this material and its container in a safe way. Dispose of in accordance with all applicable local and national regulations

European waste catalogue : 06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13(EWC) Hazardous waste : This material and its container must be disposed of as hazardous waste.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

15. REGULATORY INFORMATION

Classification: Based on available information, not classified as hazardous according to criteria of NOHSC;
NON-HAZARDOUS SUBSTANCE.

Poisons Schedule: None allocated.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).
Product

16. FURTHER INFORMATION

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.