

SAFETY DATA SHEET (91/155/CEE)

BREAKOUTPOWDER

1. Identification of the preparation and the company

Trade name : BREAKOUTPOWDER

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Application of the substance / preparation: effervescent PK mineral fertilizer

2. Composition and information on the ingredients

Information on composition:

- 1) Monopotassium Phosphate
- 2) effervescent powder: citric acid and sodium bi-carbonate

Characterization of important components according to ingredients:

Warning signs : None
R-Phrases : None

3. Hazards identification

Product contains no hazardous or poisonous materials.

4. First-aid measures

IN CASE OF:

Inhalation: move subject to fresh air and get medical attention. Consult a physician.

Eye contact: immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists consult a physician.

Skin contact: remove contaminated clothing and wash affected skin thoroughly with soap and water.

Ingestion: Never give anything by mouth to an unconscious person and never provoke vomiting. Consult a physician.

Note to Physician: no special first aid measures

5. Fire-fighting measures

Suitable extinguishing media:

Dry chemical

Special exposure hazards arising from substance or combustion products:

The product is not combustible.

Special protective equipment for fire-fighting:

Coordinate fire fighting measures and personal protective equipment with primary cause of fire and environmental vicinity.

6. Accidental release measures

None. Pick up mechanically.

7. Handling and storage

Handling

No special requirements.

Storage

Store on a dark and cool place.

8. Exposure controls and personal protection

Technical facility design:

There are no additional measures necessary besides those, given in chapter 7.

Components with exposure limits:

The discussed product does not contain any components with exposure limits.

Personal hygiene and protective equipment

Observe the general guidelines of industrial hygiene as stated by the responsible professional association. Avoid any direct contact with the product. Change contaminated clothing and thoroughly wash before reuse. Do not rub the eyes with dirty hands. Wash hands after work.

Respiratory protection	:	Not necessary.
Hand protection	:	Gloves of rubber or plastic.
Eye protection	:	Chemical safety goggles.
Skin protection	:	Impermeable work clothes.

9. Physical and chemical properties

Form	:	powder
Colour	:	red-pink
Odour	:	odorless
pH value (at g/l H ₂ O) (20 °C)	:	6 - 8
Melting point	:	> 160 °C
Water solubility	:	100 % soluble
Flashpoint	:	not applicable
Auto-flammability	:	not applicable
Explosion limits	:	not explosive

10. Stability and reactivity

Stability	:	Stable under normal storage conditions.
Conditions to avoid	:	Overheating, humidity.
Materials to avoid	:	No hazardous reactions known.
Hazardous decomposition products	:	No hazardous decomposition products known

11. Toxicological information

Acute oral toxicity: LD50 > 3 g/kg (rat)

- May cause skin irritation
- May cause eye irritation

Sub-chronic and chronic toxicity: not available

The product has not been tested, this information is based on evaluations on the raw materials

12. Ecological information

The product is not classified as dangerous for the environment, according to EC criteria.

No harmful effects on the environment are known.

The product is fully biodegradable.

13. Disposal considerations

Disposal must be made according to relevant local regulations.

14. Transport regulations

IMDG-PAGE	:	-	UN N°	:	-	IACO/IATA	:	-
GGVS/GGVE	:	-	RID/ADR	:	-	ADNR	:	-
HAZARD N°	:	-	MFAG	:	-	EMS	:	-
TREMCARD	:	-	IATA-PAGE	:	-	PACK GROUP:	:	-
DANGER NOTE	:	-	MARINE-POL :	:	-	SKZ N°	:	-

The product is not covered by the regulations of the transport of dangerous goods.

15. Regulatory information

The product is not a hazardous article and need not to be labelled according to EC Directive 67/548, as amended.

Refer to all applicable national, international and local regulations or provisions.

16. Other information

The attention of the user is drawn to the possible risks incurred by using the product for any of the purpose other than for which it was intended.

The information contained herein related only to the specific material identified.

IB.ECO INTERNATIONAL B.V. believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the reliability or completeness of the information.