

1. Identification of substance/mixture and company/undertaking

Multiseal Gas 2000

Use: See product information

Identified use: none

Mode of action: See product information

Undertaking: Unipak A/S

Marktoften 3c

8464 Galten/Denmark

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E-mail: sales@unipak.dk

Undertaking's emergency

telephone number: +45 82 12 12 12 (day and night)

Responsible person: Schroeder@chemiebuero.de

2. Hazards identification

Physicochemical hazards: See Chapter 10

Human health hazards: See Chapter 11

Environmental hazards: none known risks

Other hazards: none

Hazard symbols: none

R-phrases: none

3. Composition/Information on ingredients

Comment on components: No dangerous ingredients
SVHC List (Candidate List of Substances of Very High Concern for authorisation): contains none or less than 0,1% of the substances from the list.

4. First-aid measures

General advice: Change contaminated clothing.

On inhalation: Provide fresh air.

On skin contact: If the substance gets in contact with the skin, wash immediately with soap and water.

Seek medical attention in case of persistent skin irritation.

In case of contact with eyes: If the substance gets into the eyes, flush immediately with plenty of water and contact a doctor.

If swallowed: Medical treatment necessary.

Rinse the mouth and drink plenty of water.

Avoid vomiting.

Advice to medical practitioner: Symptomatic treatment.

5. Firefighting measures

Suitable extinguishing agents: Alcohol resistant foam

Carbonic acid
Extinguishing powder
Water spray

Unsuitable extinguishants: Full water jet.

Particular exposure risks
deriving from actual
product or combustion
products:

Risk of formation of toxic pyrolysis products.
Carbon monoxide (CO)

Special protective equip-
ment for firefighting:

Do not inhale explosions- and fire gases
Use supplied air breathing apparatus.

Other information:

Exposed containers are cooled off with waterspray
Fire residues and contaminated extinguishing water must be disposed of in
accordance with local authority regulations.

6. Accidental release measures

Person-related precautions: Ensure plentiful ventilation.

Use personal protective equipment.
Particular danger of slipping if the product has ran out/is spilled

Environmental protection
rules:

Prevent spreading of spillages (e.g. by containing spills mechanically or with
oil barriers).
Must not enter drainage system/surface water/ground water.

Methods for cleaning/
mopping up:

Remove with liquid-binding material (e.g. sand, sawdust, universal binder,
diatomite).
The removed material should be disposed of in accordance with regulations.

7. Handling and storage

Guidelines for safe handling: Use only in well ventilated areas.

Advice for fire and explosion
protection:

No particular precautions.

Requirements for storage
areas and containers:

Prevent safely penetration into the soil
Store only in original containers.

Advice for combined storage: Must not be stored together with oxidants

Further information on
storage conditions:

The container must be kept tightly closed.
Stored in a well ventilated place.
Stored cold.
Protect against heating/overheating/sunlight.
Protect against frost
Recommended storing temperature: 5-35°C.

8. Exposure controls/personal protection

Further advice on design of technical plant:	Ensure plentiful ventilation at the workplace
Ingredients with work-hygiene threshold limits:	Not applicable
Breathing protection:	Breathing protection in case of aerosol or mist formation. Short-term filter mask, filter P2.
Hand protection:	These indications are recommendations. For further information please contact glove supplier. For full contact: Butyl rubber, >480 min (EN 374). Protection gloves of rubber For splash contact: Butyl rubber, >120 min (EN 374). Nitril, >120 min (EN 374). Polychloroprene, >120 min (EN 374).
Eye protection:	Safety glasses.
Body protection:	Protective suit
General protective measures:	Avoid contact with eyes and skin. Avoid inhalation of vapours. Protective overalls must be selected specifically for the workplace, depending on the concentration and amount of toxic substances to be handled. Information on the overall's resistance to chemicals must be obtained from the individual supplier.
Hygiene precautions:	Wash hands before breaks and after work. Do not eat, drink, smoke or consume snuff during work. Use skin cream for preventive effect.
Limitation and monitoring of environmental impacts:	Not determined

9. Physical and chemical properties:

Form:	viscous
Colour:	whitish, cloudy
Odour:	characteristic
pH value:	7,5 (20°C)
pH value [1%]:	not determined
Boiling point [°C]:	290
Flash point [°C]:	app. 177
Flammability [°C]:	not determined
Lower explosive limit:	not determined
Upper explosive limit:	not determined
Fire intensifying properties:	no
Vapour pressure [kPa]:	not determined
Mass density [g/ml]:	approx. 1.26 (20°C)
Specific weight [kg/m³]:	not applicable
Solubility in water:	dispersible
n-Octanol/water distribution coefficient [log Pow]:	not determined

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Viscosity: not determined
Vapour density
compared to air: not determined
Evaporation rate: not determined
Melting point [°C]: not determined
Autoignition [°C]: not determined
Decomposition point [°C]: not determined

10. Stability and reactivity

Hazardous reactions: Reacts with strong oxidants
Hazardous decomposition products: No known hazardous breakdown products.

11. Toxicological information

Acute oral toxicity: not determined
Acute dermal toxicity: not determined
Acute inhalation toxicity: not determined
Eye irritation: not determined
Skin irritation: not determined
Sensitisation: not determined
Subacute toxicity: not determined
Chronic toxicity: not determined
Mutagenicity: not determined
Reproductive toxicity: not determined
Carcinogenicity: not determined
Practical experience: skin degreasing
Can cause allergy at contact with skin
Irritates eyes and skin
General comments: Classification made by the calculation method of the preparation directive
No known toxicological data

12. Ecological information

Toxicity to fish: not determined
Toxicity to daphnia: not determined
Behaviour in environment: not determined
Behaviour in sewage works: not determined
Toxicity to bacteria: not determined
Biological degradability: not determined
COD: not determined
BOD 5: not determined
AOX advice: not applicable
2006/11/EC: not applicable
General advice: Classification made by the calculation method of the preparation directive
Do not allow the product uncontrolled into the environment and the drainage

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13. Disposal considerations

Product: Ask the producer for possible reuse
Uncleaned packaging: Uncontaminated packaging may be taken to recycling centres.
Packaging which cannot be cleaned is regarded as waste and disposed of as for contents.

European Waste
Catalogue (recommended): 070799

14. Transport information

ADR classification: NOT CLASSIFIED AS "DANGEROUS GOODS"
IMDR classification: NOT CLASSIFIED AS "DANGEROUS GOODS"
IATA classification: NOT CLASSIFIED AS "DANGEROUS GOODS"

15. Regulatory information

Exposure scenario: not determined
Chemical safety assessment: not determined
Labelling: Product labelled according to EU guidelines
Hazard symbols: None
Component: -
R-phrases: None
S-phrases: None
EEC REGULATIONS: 1967/548 (2008/58, 30. ATP/31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC)
TRANSPORT REGULATIONS: ADR (2009); IMDG Code (34th Amdt.); IATA-DGR (2010).
NATIONAL REGULATIONS (DK):
Approval, SECTION VII: not applicable
Restrictions, SECTION VIII: not applicable
- Code number (1993/2001): not determined

16. Other information

Maintain employment
restrictions for persons: not applicable
VOC (1991/13/EC): not determined

All the above information is based on our current knowledge but does not constitute a guarantee of product properties and does not create any contractual relationship.

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