

Safety Data Sheet

Date: 2009-01-22
Version: 1

1. Name of the product and company

Product name: HBB ColdSpot
Use of product: Instant cold compress
Article no: 99020

Supplier: HBB Hot Brands Business AB
Fabriksvägen 5
17148 Solna, SWEDEN
Telephone: +46 8 91 01 70
Fax: +46 8 87 29 05

Emergency telephone:
In Sweden contact Poison Information Center telephone: 08-331 231 or 112.

2. Composition/Information on ingredients:

CAS-nr.	EC-nr.	Components	Concentration	Symbol/R-phrases
6484-52-2	229-347-8	Ammonium nitrate	50 %	O; R8, R9
7732-18-5	231-791-2	Water	50 %	

3. Hazards identification

Not classified as hazardous.

4. First aid measures

General: If irritation/discomfort persists, consult a physician
Skin contact: Avoid prolonged or repeated skin contact with the contents of the bag. Always wash hands with plenty of soap and water after handling. Consult a physician if irritation develops.
Eye contact: Rinse immediately with plenty of water while lifting the eyelid
Ingestion: Consult a physician immediately if large amounts of the material are ingested. Do NOT induce vomiting unless instructed by a medically competent person. Do not give anything by mouth to an unconscious person

5. Fire fighting measures

Suitable extinguishing media: Water.
Unsuitable extinguishing media: Do not use CO₂, foam or dry chemicals. These do not have any effect.
Fire and explosion hazards: Toxic gases (NO_x) may be released under fire conditions.
Other information: Protect against heat; use water to cool down container.

6. Accidental release measures

Personal precautions:	Avoid spraying in the eyes, as well as prolonged skin contact. Rinse the skin with water after contact with the product.
Methods for cleaning up/taking up:	Wipe up with a cloth. Wash the area thoroughly.
Other directions:	Under appropriate conditions, the product can be collected and used as a fertilizer. You must, however, ensure that the product is not contaminated with organic matter

7. Handling and storage

Handling:	Used according to the directions on the back of the bag. Avoid making holes in the bag.
Storage:	Keep out of reach of children. Stored at a recommended temperature of 0 to 40°C.

8. Exposure controls and personal protection

Limitation of exposure in the workplace:	The product consists of prilled ammonium nitrate and small bags of water packed in a solid plastic bag. This bag should not be opened under normal conditions of use. Special precautions are not required under normal conditions of use.
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9. Physical and chemical properties

Form:	Water and ammonium nitrate prills, which are to be mixed
Odour	Odourless
Colour	White
Solubility description	Soluble in water
Melting point/range	Value: 170 °C Comments: Physical properties of ammonium nitrate
pH (stock solution)	Value: 6
Decomposition temperature	Value: > 200 °C Comments: Physical properties of ammonium nitrate

10. Stability and reactivity

Conditions that should be avoided:	The product can react as an oxidising agent
Hazardous decomposition products:	Emits toxic gases during decomposition: NO _x

11. Toxicological information

Toxicological information about components	
Component	Ammonium nitrate

LD50 oral Value: 2217 mg/kg Experimental animal: Rat

Other environmental information

Skin contact May cause minor irritations of the skin. May cause stinging pain if the product comes into contact with open wounds.

Eye contact May cause minor irritations of the eyes.

Ingestion Large amounts may cause nausea and discomfort.

12. Ecological information

Component toxicological information

Component Ammonium nitrate

Ecological toxicity, other effects LD50 fungus: *Aspergillus Niger* 15 mg/l, 40 hours, 36 °C

Other environmental information

Bioaccumulation potential Does not bio accumulate.

Other harmful effects / other information: Not considered to be hazardous to the environment. The product is also used as fertiliser.

Environmental information, conclusion Release of large quantities may lead to local algae blooms. Ammonium nitrate is converted by bacteria. The conversion rate will be greatest under anaerobic conditions.

13. Disposal considerations

Other information: Not classified as hazardous waste. After use, the contents of the cooling bag can be diluted with plenty of water and used as fertiliser

14. Transport information

Other relevant information Not classified as dangerous goods according to ADR, RID, IMDG, IATA

15. Regulatory information

Composition on the label Ammonium nitrate: 50 %, Water: 50 %

R-phrases Not classified as hazardous

16. Other information

. List of relevant R-phrases (in section 2) R8 Contact with combustible material may cause fire.
R9 Explosive when mixed with combustible material.

The Safety Data Sheet is prepared, subjected to quality control and approved pursuant to the applicable regulations. The manufacturer/supplier mentioned in section 1 is legally responsible for the contents of the data sheet.