

Article number : Cold Bag
Trade name : 605501
Print date : 16.05.00

Last revision date: 15.01.98

1. NAME OF SUBSTANCE / PREPARATION AND COMPANY

Trade name : Cold Bag

Manufacturer :

Häger & Werken GmbH & Co. KG
Ackerstr. 1 D-47269 Duisburg
P.O.B. 10 06 54 D-47006 Duisburg
Phone : +49 (0203) 99 26 9 - 0

2. NAME OF SUBSTANCE / PREPARATION AND COMPANY

Spheric Ammonium Nitrate ONU No 1942 (Product included in the list, see appendix "B"-IMO 5.1)

Colour : Light pink

Flammability : Not inflammable

Solubility in water : 100%

3. POSSIBLE HAZARDS

No health dangers in case of correct handling of the product.

Frequent ingestion of little quantities may cause weakness, depression and a general sense of confusion. Ingestion of big quantities may cause severe problems : vertigo, stomach cramps, vomiting, diarrhoea, confusions and break-downs.

4. FIRST AID MEASURES

If ingested drink plenty of milk, cause vomiting and see a doctor immediately.

In case of with the contact eyes, immediately wash them with abundant water, for at least 15 min. Keep the eyes wide open and often rotate the ocularbulbs.

In case of skin contact wash with abundant water.

5. ACTIONS IN CASE OF FIRE

It isn't a combustible product

Fire-Fighting Measures : Use nebulized water.

6. ACTIONS IN CASE OF UNINTENTIONAL RELEASE

Avoid contamination of the product with combustible and incompatible substances

Personal Protection : Avoid skin contact

Environmental protection : None

Procedure for protection : Wash residues with water. In case of spilling of the bag content on hard surfaces, clean it carefully, for it may cause slipping.

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7. HANDLING AND STORAGE

Storage temperature : Room temperature
Transport temperature : Room temperature
Loading/Unloading temperature : Room temperature
Viscosity : Solid
Transport/Storage pressure : Atmospheric
Electrostatic Accumulation risks : None
Usual containers for shipment : Carton boxes
Suitable materials and coatings : Most materials are suitable
Storage/Handling : Keep in dry, cool and airy places

8. MAXIMUM EXPOSURE LIMITS AND PERSONAL PROTECTION EQUIPMENT

No individual protection needed, in case of correct handling of the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Ammonium Nitrate Aspect

20°C state : Solid (granules)
Colour : Light pink
Smell : Lightly ammoniac
Water solution pH: 5.43
Melting point : Not combustible
Burning properties : Not burning according to D.M. 31.12.85
Vapour pressure : 2 Ap=0,015 mmHg A 38°C
Viscosity : 1,725 Kg/dm³
Apparent viscosity : 1 Kg/dm³
Water-solubility : 1183 g/l A 0°C
8710 g/l A 100°C

10. STABILITY AND REACTIVITY

If contaminated with oils, carbonic powders or inflammable substances it can violently decompose with explosion dangers.

Conditions to be avoided : Proximity to heat sources, fire and sparks etc.

Substances to be avoided : Contamination of the product with oils, greasy substances, wax, alkaline substances, acids, corroding substances, strong oxidators, metal powders (aluminium, tin, copper, iron, zinc etc.), conditions, can cause explosions under certain.

Dangerous decompose substances : If heated above 180°C, Ammoniac Nitrate decomposes producing azote oxides and ammonia. The reaction is helped by the presence of combustibles substances.

11. TOXICOLOGICAL INFORMATION

See par. 3-4

Delayed and immediate consequences of short and long exposure:

Carcinogenesis : No mutagenic effects as considered by Government Agencies or Official National and International Organisations.

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Mutagenesis :

No mutagenic effects as considered by Government Agencies or Official National and International Organisations.

Toxicity on reproduction:

No mutagenic effects as considered by Government Agencies or Official National and International Organisations.

12. ECOLOGICAL INFORMATION

The product doesn't cause pollution.

13. INFORMATION ON DISPOSAL

Once the bag's chemical reaction is over, it can be drained as normal urban rubbish.

14. TRANSPORT REGULATION

ONU Nr.: 2067
Packing Group : III
Classifications:
ADR/RID Class: 5.1 Ordinal : 21°C Label : 5.1

15. REGULATORY INFORMATION

Directives on classification and labelling of dangerous substances and compounds:
The product isn't included in dangerous categories according to Art 2, Directive May 29th 1974, and its following updating.

16. OTHER INFORMATION

According to our studies the information here provided fulfills national directives and mirrors the outcomes of our studies on this matter.

A correct use of the product (According to the directions given) is under the consumers responsibility. They should also take the necessary steps in order to follow local directives on safety and health rules at work, and on environmental protection as well.

The information supplied is a description answering the need of safety of our product and it doesn't substitute for medical advice.

We decline our responsibility for damage caused by incorrect use of the product.