



Section 1. Product and Company Identification.

1.1 Model Number; SSP30 v1

1.2 Description; Ice Pack

1.3 Manufacturer;

Sealey Group.
Kempson Way,
Bury St. Edmunds,
Suffolk.
IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

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Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

Not classified.

2.2 Label elements.

No labelling requirements.

2.3 Other hazards.

None identified.

Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Weight	Classification	
			Hazard Class & Category Code	Hazard Statements
Urea	57-13-6	50%	Not classified	-
Water	7732-18-5	50%	Not classified	-

For full text of Phrases and Statements, see Section 16.



Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

Move casualty to fresh air.
Get medical attention.

Skin Contact

Immediately wash with plenty of soap and water.
Get medical attention if irritation occurs.

Eye Contact

Immediately flush eyes with running water for at least 20 minutes holding eyelids open.
Get medical attention.

Ingestion

Do not induce vomiting.
Give 1-2 glasses of water to a conscious victim.
Never give anything by mouth to an unconscious victim.
Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed
No information available.

4.3. Indication of any immediate medical attention and special treatment needed
No information available.

Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Foam. Dry chemical powder. Carbon dioxide.
Water if compatible with the burning material.

5.2. Special hazards arising from the substance or mixture
No information available.

5.3. Advice for fire-fighters

Wear breathing apparatus and flame proof protective clothing.
Prevent run off from fire from entering drains or water courses.
Use fine water spray to control fire and cool adjacent area.
DO NOT approach containers suspected to be hot.
Cool fire exposed containers with water spray from a protected location.
Only when safe to do so, remove containers from path of fire.



Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Wear suitable protective equipment.
Evacuate the contaminated area.

6.2. Environmental precautions

Take precautions to prevent entry into waterways, sewers, or surface drainage systems.
Dispose according to local authority regulations.

6.3. Methods and material for containment and cleaning up

Use appropriate tools to place spilled solid in suitable container for recovery or disposal, avoid splashing.

6.4. Reference to other sections

See Section 7 for information on Safe Handling
See Section 8 for information of Personal Protective Equipment.
See Section 13 for information on disposal.

Section 7. Handling and Storage.

7.1. Precautions for safe handling

In the event of exposure to contents:
Avoid ingestion, inhalation, skin and eye contact.
Minimize spill and splashing.
Handle in accordance with good industrial hygiene practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage incompatibility: Avoid reaction with strong acid, alkali and oxidizing agents.

7.3. Specific end use(s)

Intended for use as an Instant Ice Pack: Model Number identified in 1.1 with Description stated in 1.2.

Section 8. Exposure Controls/Personal Protection.

In the event of exposure to contents:

8.1. Control parameters

Keep exposure to contents to a minimum.

8.2. Exposure controls

In the event of exposure to contents.

Appropriate Engineering Controls

Ensure adequate ventilation.

Eye/Face Protection

Safety goggles or face shield

Skin Protection

Rubber or PVC gloves.

Respiratory Protection

Where there is a risk of inhalation of toxic fumes, use positive pressure breathing apparatus. See Section 10.



Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	No information available.
(b) Odour:	Ammonia - slight.
(c) Odour threshold;	No information available.
(d) PH:	Approximately 9.5.
(e) Melting point/freezing point;	No information available.
(f) Initial boiling point and boiling range;	No information available.
(g) Flash point;	Not relevant.
(h) Evaporation rate;	No information available.
(i) Flammability (solid, gas);	Content of product as supplied are non-flammable.
(j) Upper/lower flammability or explosive limits;	No information available.
(k) Vapour pressure;	No information available.
(l) Vapour density;	Not relevant.
(m) Relative density;	No information available.
(n) Solubility (ies);	Miscible.
(o) Partition coefficient: n-octanol/water;	No information available.
(p) Auto-ignition temperature;	Content of product as supplied are non-flammable.
(q) Decomposition temperature;	No information available.
(r) Viscosity;	No information available.
(s) Explosive properties;	Non-explosive. Uncontaminated urea solution does not present a risk of explosion.
(t) Oxidising properties.	No information available.

9.2 Other information

No information available.

Section 10. Stability and Reactivity.

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Urea solution reacts with sodium hypochlorite or calcium hypochlorite to form nitrogen trichlorite which may explode spontaneously in air.

10.4. Conditions to avoid

High temperature, ignition sources (sparks, flames, static).
Avoid contact with incompatible materials.

10.5. Incompatible materials

Strong acid, alkali and oxidizing agents.

10.6. Hazardous decomposition products

On combustion or thermal decomposition, may emit toxic fumes such as nitrogen oxide and ammonia.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

No information available.



Section 12. Ecological Information.

12.1. Toxicity	Urea Cas No.: 57-13-6 Low toxicity to aquatic life.
12.2. Persistence and degradability	No information available.
12.3. Bioaccumulative potential	No information available.
12.4. Mobility in soil	Urea Cas No.: 57-13-6 Urea adsorption by the soil increased with increasing concentration of added urea. Adsorption coefficients ranged from 0.037 to 0.064.
12.5. Results of PBT and vPvB assessment	No information available.
12.6. Other adverse effects	No information available.

Section 13. Disposal Considerations.

13.1. Waste treatment methods
Dispose of in accordance with local authority regulations.

Section 14. Transport Information.

ADR. International Carriage of Dangerous Goods by Road.
Not regulated.

IATA. International Air Transport Association.
Not regulated.

IMDG. International Maritime Dangerous Goods.
Not regulated.

Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No information available.

15.2. Chemical safety assessment
No information available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

The above information is believed to be accurate and represents the best information currently available.
No warranty is expressed or implied by the above information.
We assume no liability resulting from use of the above information.
The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	13/05/16	First issue.
2	28/03/17	Format only.

End of Safety Data Sheet.