SAFETY DATA SHEET
Ultra Low Temperature Destainer

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name	Ultra Low Temperature Destainer
Product No.	7524/11816

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Bleach

1.3. Details of the supplier of the safety data sheet

Supplier	Specialist Solutions (Central) Ltd 20 West End Welford Northants NN6 6HJ T:00 44 1858 575194

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

	Physical and Chemical Hazards	Org. Perox. C - H242
	Human health	Eye Dam. 1 - H318
	Environment	Not classified.

Classification (1999/45/EEC) Xi;R41. O;R7.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

Irritating to eyes.

Environment

The product contains a substance which is toxic to aquatic organisms.

2.2. Label elements

Detergent Labelling:

15 - < 30% oxygen-based bleaching agents

Label In Accordance With (EC) No. 1272/2008

Signal Word	Danger	
Hazard Statements		
	H242	Heating may cause a fire.
	H318	Causes serious eye damage.
Precautionary Statements		
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P411	Store at temperatures not exceeding 25°C / 77°F.
	P403+235	Store in a well-ventilated place. Keep cool.
	P501	Dispose of contents/container in accordance with national regulations.
Supplementary Precautionary Statements		
	P310	Immediately call a POISON CENTER or doctor/physician.
	P410	Protect from sunlight.

P420 Store away from other materials.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

6-(PHTHALIMIDO)PEROXYHEXANOIC ACID	15-30%
CAS-No.: 128275-31-0 EC No.: 410-850-8	

Classification (EC 1272/2008)	Classification (67/548/EEC)
Org. Perox. D - H242	O;R7
Eye Dam. 1 - H318	Xi;R41
Aquatic Acute 1 - H400	N;R50

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Get medical attention if any discomfort continues.

Ingestion

Immediately rinse mouth and provide fresh air. Drink plenty of water. DO NOT induce vomiting. Get medical attention immediately. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Skin contact

Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

Irritation of nose, throat and airway.

Ingestion

Nausea, vomiting. Diarrhoea. May cause stomach pain or vomiting.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Extreme irritation of eyes and mucous membranes, including burning and tearing.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials. DO NOT USE DRY CHEMICAL OR FOAM. KEEP CONTAINERS COOL WITH WATER SPRAY.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Fire or high temperatures create: Oxygen.

Unusual Fire & Explosion Hazards

May explode in a fire. A powerful oxidiser which is combustible

Specific hazards

Fire or high temperatures create: Oxygen.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Containers close to fire should be removed immediately or cooled with water. Wear self-contained breathing apparatus and full body protection.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Prevent entry into drains. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Collect spilled liquid in plastic container (NOT METAL). Never return to original tank/container. Flush away small residues with excess water. Contain spillage but do not absorb in sawdust or other combustible material. If substance has entered water course or sewer, advise police. Inform Authorities if large amounts are involved.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Avoid acids, moisture, and combustible materials. Cleanliness is essential as any contamination may cause decomposition. Never return unused material to original containers. Eye wash facilities and emergency shower must be available when handling this product.

7.2. Conditions for safe storage, including any incompatibilities

Oxidising material - Keep away from flammable and combustible materials. Keep in original container. Keep away from heat, sparks and open flame. Store cool. Protect from light, including direct sunrays. Unsuitable containers: copper, zinc, aluminium, copper alloy, zinc alloy, aluminium alloy.

Storage Class

Oxidiser storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

Protective equipment

Process conditions

Provide eyewash, quick drench.

Engineering measures

Well-ventilated area.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

Use protective gloves made of: Polyvinyl chloride (PVC).

Eye protection

Use approved safety goggles or face shield.

Other Protection

Wear suitable protective clothing as protection against splashing or contamination. Provide eyewash station and safety shower.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Keep away from food and drink. Wash hands and face before break and the end of a shift. Avoid contact with the skin and eyes. Remove dirty clothes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	White / off-white.
Odour	No characteristic odour.
Solubility	Soluble in water.
Relative density	1.00-1.10 23
pH-Value, Conc. Solution	2.8-3.8 (100%)
pH-Value, Diluted Solution	6.2-7.2 1%

9.2. Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with: Organic peroxides/hydroperoxides. Oxidising materials. Strong reducing agents.

10.2. Chemical stability

Contact with alkaline products gives an exothermic reaction. Avoid contamination with organic substances. Can decompose violently when heated or in contact with heavy metals, aluminium, acids, bases and organic materials. CONDITIONS/MATERIALS TO AVOID: Organic matter, alkaline solutions, reducing agents, contamination by oxides of iron, including rust, copper, manganese, nickel and chromium. Heating can release gases.

10.3. Possibility of hazardous reactions

Contact with combustible material may cause fire

Hazardous Polymerisation

Unknown.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid direct sunlight. Decomposition starts at 80ºC with release of oxygen; avoid temperatures above 50ºC.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong alkalis. Metals, salts of metals, organic materials, flammable substances. Combustible materials. Reducing Agents Strong oxidising agents. Carbamates. Dithiocarbamates. Mercaptans (thiols). Inorganic sulphides. Nitriles and organic sulphides.

10.6. Hazardous decomposition products

Rapid decomposition will release large quantities of oxygen (health and fire risk). Decomposition is exothermic causing temperature rise which will further increase the rate of decomposition creating explosive situations. On decomposition irritating gases, vapours and oxygen are released.

Decomposition will not occur if product is stored and used correctly.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

May cause irritation to the respiratory system. Vapours may irritate throat and respiratory system and cause coughing.

Ingestion

May cause severe internal injury. May cause stomach pain or vomiting. May cause chemical burns in mouth, oesophagus and stomach.

Skin contact

Strongly irritating. Prolonged contact may cause burns.

Eye contact

Risk of serious damage to eyes. Risk of corneal damage. Irritation, burning, lachrymation, blurred vision after liquid splash.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product may affect the acidity (pH-factor) in water with risk of harmful effects to aquatic organisms. Environmental information currently available for the ingredients of this preparation indicates that it contains a substance which has been classified as Dangerous for the Environment, assigned the risk phrase R50/53. The levels of environmentally hazardous materials are below the limit that would cause the preparation to be classified as Dangerous to the Environment.

12.1. Toxicity

Acute Fish Toxicity

May be dangerous to fish at high concentrations due to this being an unnatural aquatic environment, but not classified as being Toxic or Very Toxic to aquatic organisms.

12.2. Persistence and degradability

Degradability

Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

WASTE/UNUSED PRODUCTS: Collect all waste in suitable and labelled containers and dispose of according to legislation.
CONTAMINATED PACKAGING: Empty containers should be taken for recycling, recovery or waste in accordance with local regulations. For recycling, ensure container is empty and bungs are replaced. Arrange disposal as a special waste by licensed disposal company in consultation with Local Waste Disposal Authority and in accordance with the Control of Pollution Act 1974.

SECTION 14: TRANSPORT INFORMATION

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). Not regulated.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport Labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Health and Safety at Work Act 1974.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Data sheet is in accordance with the CHiP regulations in force on the revision date given below. Revision is to CLP Regulations

Revision Date	140711
Revision	Revision 2: 100413
SDS No.	7524/11816

Risk Phrases In Full

R7	May cause fire.
R41	Risk of serious damage to eyes.
R50	Very toxic to aquatic organisms.

Hazard Statements In Full

H242	Heating may cause a fire.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.