



SAFETY DATA SHEET

Low Temp Liquid Laundry Destainer

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NO. 7524/11954
APPLICATION Bleach
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2 HAZARDS IDENTIFICATION

May cause fire. Risk of serious damage to eyes.

CLASSIFICATION (1999/45) Xi;R41. O;R7.

ENVIRONMENT

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

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
6-(PHTHALIMIDO)PEROXYHEXANOIC ACID	410-850-8	128275-31-0	15-30%	O;R7 Xi;R41 N;R50

The Full Text for all R-Phrases is Displayed in Section 16

4 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.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

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.

Low Temp Liquid Laundry Destainer

UNUSUAL FIRE & EXPLOSION HAZARDS

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

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains.

SPILL CLEAN UP METHODS

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.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

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.

STORAGE PRECAUTIONS

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.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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 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.

9 PHYSICAL AND CHEMICAL PROPERTIES

Low Temp Liquid Laundry Destainer

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%

10 STABILITY AND REACTIVITY

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.

CONDITIONS TO AVOID

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

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.

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.

11 TOXICOLOGICAL INFORMATION

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.

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.

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.

13 DISPOSAL CONSIDERATIONS

DISPOSAL 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.

Low Temp Liquid Laundry Destainer**14 TRANSPORT INFORMATION**

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

15 REGULATORY INFORMATION

LABELLING



Irritant



Oxidising

RISK PHRASES

R7 May cause fire.
R41 Risk of serious damage to eyes.

SAFETY PHRASES

S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 Wear eye/face protection.
S60 This material and its container must be disposed of as hazardous waste.
S3/7 Keep container tightly closed in a cool place.
S14 Keep away from acids, bases, reducing substances and heavy metals.
S36/37 Wear suitable protective clothing and gloves.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Detergent Labelling:

15 - < 30% oxygen-based bleaching agents

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.

16 OTHER INFORMATION

REVISION COMMENTS

Data sheet is in accordance with the CHIP regulations in force on the revision date given below. Revision is due to REACH regulations; all revisions start again at Rev 0, dated 020409

REVISION DATE 020409

REV. NO./REPL. SDS GENERATED Revision 0

SDS NO. 7524/11954

RISK PHRASES IN FULL

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