



SAFETY DATA SHEET

L2E TMH Promax 16% Bleach Laundry Destainer Powder

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

1.1 Product Name	L2E TMH Promax 16% Bleach Laundry Destainer Powder		
1.2 Other Names	L2E TMH Promax 16% Bleach Laundry Destainer Powder		
SDS No	CLELAUNBLEACH10	Rev Date:	19 th March 2022
		Rev No:	3
1.3 Application	Laundry		
1.4 Supplier	TMH Solutions Unit 2 Bilberry Business Park Waterford Waterford City X91 WY48 Ireland info@tmhsolutions.ie		
1.5 Emergency Contact Number	(00353) 51 87 1000 (Hours of Operation – 08.00 to 17:00 Monday to Friday)		

SECTION 2. HAZARD IDENTIFICATION

Classification (EC1272/2008)						
2.1 Signal Word	Warning,					
2.1 Classification	Physical: Not classified Health: EUH031, Acute Tox. 4- H302; Eye Irrit. 2 - H319; STOT SE 3- H335 Environmental Aquatic Acute 1 – H400					
Hazard Statements	EUH031 – Contact with acids liberated toxic gas H302 – Harmful if swallowed. H319 – Causes serious eye irritation. H335 – May cause respiratory irritation. H400 – Very toxic to aquatic life					
Precautionary Statements	P102 – Keep out of reach of children. P261 – Avoid breathing dust/fume/gas/mist/vapours/spray. P264 – Wash hands thoroughly after handling. P270 – Do not eat, drink or smoke when using this product. P271 – Use only outdoors or in a well-ventilated area. P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.					
2.2 Labelling						
	GHS07	GHS09				
2.3 Other Hazards						

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture

Product	EC (EINECS) No.	CAS-No.	%
Sodium Carbonate	207-838-8	497-19-8	30-50
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Eye Irrit. 2 – H319. Environmental: Not Classified.			
Product	EC (EINECS) No.	CAS-No.	%
DICHLOROISOCYANURATE DIHYDRATE	220-767-7	51580-86-0	15-30
Classification (EC 1272/2008)			
Physical: Not Classified. Health: EUH031, Acute Tox. 1 – H302, Eye Irrit. 2 – H319, STOT SE 3 – H335. Environmental: Aquatic Acute 1 – H400, Aquatic Chronic 1 – H410.			

For the full text of the H-statements mentioned in this section, see section 16.

SECTION 4. FIRST-AID MEASURES

4.1 Description of First Aid Measures

Inhalation	Move exposed person to fresh air. Get medical attention
Ingestion	Get medical advice immediately! Do Not Induce Vomiting! Immediately rinse mouth and drink plenty of water
Skin Contact	Remove contaminated clothing immediately and wash with soap and water. Get medical attention if discomfort continues
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses if safe and easy to do so, open eyes wide apart. Get medical attention immediately. Continue to rinse.

4.2 Most Important Symptoms and effects, both acute and delayed

General Information	Symptoms described are dependent upon the concentration and exposure time
Inhalation	Possible irritation of throat, nose & airway
Ingestion	Irritation, possible burns to throat mouth and stomach
Skin Contact	Possible Irritation to skin
Eye Contact	Possible serious eye damage

4.3 Indication of immediate medical attention and special treatment needed if necessary

	None noted
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SECTION 5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media Use:

Extinguish with alcohol resistant foam, carbon dioxide, dry powder or water fog

5.2 Specific Hazard arising from the chemical

Chlorine

5.3 Special protective actions for fire fighters

Self contained breathing apparatus and full protective clothing must be worn

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures

- The wearing of suitable protective equipment (including personal protective equipment, see section 8 of this SDS) to prevent any contamination of skin, eyes and personal clothing.
- Provide sufficient ventilation.
- Follow precautions for safe handling described in section 7 of this SDS.

6.2 Environmental Precautions

Spillages of uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body, without endangering individuals every effort should be made to prevent entrance to drains.

6.3 Methods and material for containment and clean up

Drains should be Bunded or capped to prevent entrance or damage.
Ventilate well. Dilute with copious amounts of water. Collect with absorbent, non-combustible material into suitable containers. Flush area with plenty of water.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid Spilling, skin and eye contact. Do Not Smoke In Work Area! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using, do not eat, drink or smoke.

7.2 Conditions for safe Storage, including incompatibilities

Chemical storage Keep containers tightly closed. Keep in original containers. Do not allow product to freeze, avoid extreme temperatures

7.3 Specific end use(s)

The identified use for this product is detailed in section 1.2.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Name	STD	Consumer	Industry	Notes
Sodium carbonate	DNEL		Long Term	10mg/m3 Inhalation

DNEL= Derived No Effect Level

8.2 Appropriate engineering controls

Provide adequate ventilation

8.3 Individual protection measures, such as personal protective equipment (PPE)

Respiratory Equipment	If ventilation is in sufficient, suitable respiratory protection must be provided.
Hand Protection	PVC gloves are recommended.
Eye Protection	Ware approved safety goggles.
Other Protection	Wear suitable protective clothing to prevent skin contact

Protective Equipment



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

This Product is a	Mixture
Appearance	Granular powder
Colour	White
Odour	Slight chlorine odour
Solubility	Soluble in water
pH value	9-10@1% Solution
Relative Density	1.0

9.2 Other information

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

None known

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Contact with acids may produce toxic gases

10.4 Conditions to avoid

Avoid excessive heat for prolonged periods of time. Do Not allow to freeze

10.5 Incompatible materials

Strong acids, strong reducing agents

10.6 Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gasses or vapours

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological information

We have not carried out any animal testing; therefore we have no toxicological data specifically for this product. The toxicological data, where provided by the raw material manufacture, can be made available on request.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

We have not carried out any Aquatic testing; therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity data, where provided by the raw material manufacturer for the ingredients with aquatic toxicity can be provided on request

12.2 Persistence and degradability

Degradability: the surfactants used in this preparation are designed for disposal via normal foul water disposal methods

12.3 Bioaccumulative potential

This preparation does not contain any substance that is expected to be bioaccumulating

12.4 Mobility in soil

Soluble in water

12.5 Results of PBT and vPvB

This preparation does not contain and PBT or vPvB substances

12.6 Other adverse effects



Not Known

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The preparation is designed for disposal via foul drain after use. Large volumes to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Clean used container and recycle.

SECTION 14. TRANSPORT INFORMATION

ADR	IMDG	ICAO
<u>14.1 UN Number</u>		
3077	3077	3077
<u>14.2 UN Proper shipping name</u>		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S.
<u>This Mixture Contains</u>	DICHLOROISOCYANURATE DIHYDRATE	
<u>14.3 Transport hazard Class (es)</u>		
Class 9	Class 9	Class 9
<u>Label</u>		
<u>14.4 Packing Group</u>		
III	III	III
<u>14.5 Environmental hazards</u>		
Yes	Yes	Yes
<u>14.6 Special precautions for user (Tunnel Restriction) EAC, HIN, EMS</u>		
(E) 2Z, 90, F-A S-F		
<u>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</u>		
Not relevant for this product		

SECTION 15. REGULATORY INFORMATION

<u>15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture</u>
Guidance notes: Workplace Exposure Limits EH40
EU Legislation: Safety Data sheets prepared in accordance with REACH Commission Regulation (EU) No 453/2010 Packaging & Labelling of dangerous preparations. Ingredients are listed with classification under GHS / CLP – Regulation (EC) No 1272/2008 classification, ADR 2013
<u>15.2 Chemical Safety Assessment</u>
Not applicable this product is a mixture

SECTION 16. OTHER INFORMATION

REV. No. REPL. SDS	3
Generated	19 th March 2022
SDS No.	0008
SDS Status	ok
Approved	6 th March 2018
Notes	This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate and reliable as of date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.
Hazard statements in full	H302 – Harmful if swallowed. H319 – Causes serious eye irritation. H335 – May cause respiratory irritation. H400 – Very toxic to aquatic life. H410 – Very toxic to aquatic life with long lasting effects.
Supplementary P- Statements	P273 – Avoid release to the environment. P280 – Wear protective gloves/protective clothing/eye protection/face protection. P321 – Specific treatment (see ... on this label). P330 – Rinse mouth. P362 – Take off contaminated clothing and wash before reuse. P391 – Collect spillage. P302 + P352 – IF ON SKIN: Wash with plenty of soap and water. P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P332 + P313 – If skin irritation occurs: Get medical advice/attention. P405 – Store locked up. P403 + P233 – Store in a well-ventilated place. Keep container tightly closed.
EUH Statements	EUH 031 – Contact with acids liberates toxic gas.
END of SDS	