SAFETY DATA SHEET

Hypochlorite Bleaching Powder >16%

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

1.1 Product Name	Hypochlorite Bleaching Powder >16%				
1.2 Other Names	Hypochlorite Bleaching Powder >16%				
SDS No	C2/329-CLP	Rev Date:	6th March 2021	Rev No:	2
1.3 Application	**Laundry**				
1.4 Supplier	Textile Care Supplies Ltd, Unit 9 BUKO Bisiness Centre, Ashley Road, Southfield Industrial estate, KY6 2SE. PHONE 0800 074 2325				
1.5 Emergency Contact Number	0800 074 2325				

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						

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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

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
a. 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. b. Provide sufficient ventilation. c. 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

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

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SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific to the substance or mixture
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
15.2 Chemical Safety Assessment
Not applicable this product is a mixture

SECTION 16. OTHER INFORMATION

REV. No. REPL. SDS	2/1
Generated	6th March 2018 replaces v1 1st May 2015
SDS No.	C2/329-CLP
SDS Status	ok
Approved	6th 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	

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