

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: | 6 th March 2021 | Rev No: | 2 |
| 1.3 Application | Laundry | | | | |
| 1.4 Supplier | Textile Care Supplies Ltd, Unit 9 BUKO Business 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 | | | | | |

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

- 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 | Wear 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

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|---|
| <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 |
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SECTION 16. OTHER INFORMATION

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|-----------------------------|--|
| REV. No. REPL. SDS | 2/1 |
| Generated | 6 th March 2018 replaces v1 1 st May 2015 |
| SDS No. | C2/329-CLP |
| 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. |
| <u>END of SDS</u> | |