

SAFTEY DATA SHEET

HYPO SUPERFOAM+

 Revision Date 24th March 202

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

Product Name	HypoCentrion "C" 14-15%
Synonyms, Trade Name	Sodium Hypochlorite Solution 14-15%, Laundry Bleach
Application	Stain Removal

Supplier

Equipmart Limited,
 Kiam House,
 Birchill Road,
 Knowsley,
 L33 7TD.
 PHONE 0151 548 5500
 contact@equip2clean.co.uk

Emergency Contact Number 0151 548 5500

SDS No. 1027

2. HAZARDS IDENTIFICATION

Classification (EC1272/2008)	Physical: Met. Corr. 1 – H290 Health: EUH031; Skin Corr. 1B – H314; STOT Single 3 – H335 Environmental: Aquatic Acute 1 – H400
Labelling	
Signal Word	Danger
Hazard Statements	H290 May be corrosive to metals H314 Causes severe skin burns and eye damage H335 May cause respiratory irritation H400 Very toxic to aquatic life
Precautionary Statements	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves / protective clothing/ eye protection / face protection P301+330+331 If swallowed: Rinse mouth. Do Not induce vomiting. P303+361+353 If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower P304+340 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+351+338 If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a poison centre or doctor/physician. P403 Store in a well-ventilated place
Supplemental Label information	Contact with acids liberate toxic gas

3. COMPOSITION / INFORMATION ON INGREDIENTS

Product	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Classification according to Directive 67/548/EEC
Sodium Hypochlorite Solution	EC No - 231-668-3 CAS No - 7681-52-9	14-15	Met Corr. 1 – H290. EUH031, Skin Corr. 1b – H314, STOT SE 3 – H335 Aquatic Acute 1 – H400.	(EC 1272/2008)
C9-11 Alcohol Ethoxylate 6-8 Moles EO	EC No - N/a CAS No - 68439-46-3	1-5	Acute Tox.4 – H302, Eye Dam 1 – H318.	(EC 1272/2008)
Parfum	EC No - N/a CAS No - 68439-46-3	<1	N/a	Xi; R43 ; R51/53

4. FIRST-AID MEASURES

Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse
Skin Contact	Remove contaminated clothing immediately and wash with soap and water. Get medical attention immediately
Ingestion	Get medical advice immediately! Do Not Induce Vomiting! Immediately rinse mouth and drink plenty of water
Inhalation	Move exposed person to fresh air. Get medical attention
<u>Most important symptoms and effects, both acute and delayed</u>	
Inhalation	In case of fire, toxic gases may be formed. Chlorine.
Ingestion	May cause severe irritation of the mouth, the esophagus and the gastrointestinal tract.
Skin Contact	Chemical burns
Eye Contact	Causes burns. Risk of serious damage to eyes.

5. FIRE-FIGHTING MEASURES

Extinguishing Media Use:	Use fire-extinguishing media appropriate for surrounding materials (Do Not use water jet as an extinguisher, as this will spread the fire)
Specific Hazard	Chlorine, Oxygen.
Protective Measures in Fire	Self contained breathing apparatus and full protective clothing must be worn in case of fire
Special Fire Fighting Procedures	Cool containers with water spray until well after the fire is out. Dike and collect extinguishing water.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of spray mist and contact with skin and eyes. Provide adequate ventilation
Environmental Precautions	Spillages of uncontrolled discharges into watercourses must be Immediately alerted to the Environmental Agency or other appropriate regulatory body
Spill Cleanup Methods	Ventilate well. Dilute with copious amounts of water. Collect with inert, damp absorbent, non-combustible material into suitable containers. Flush area with plenty of water

7. HANDLING AND STORAGE

Usage Precautions	Avoid Spilling, skin and eye contact. Avoid inhalation of vapours and spray mists. Provide good ventilation. WARNING! Do not use together with other products. May release dangerous gasses (Chlorine).
Storage Class	Corrosive storage
Storage Precautions	Keep containers tightly closed. Keep in original containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient Comments

No exposure limits noted for ingredient(s)

DNEL	Industry	Inhalation	Long Term	1.55mg/m ³
DNEL	Industry	Inhalation	Short Term	3.1mg/m ³
DNEL	Consumer	Inhalation	Long Term	1.55mg/m ³
DNEL	Consumer	Inhalation	Short Term	3.1mg/m ³

Protective Equipment

**Process Conditions**

provide eyewash, quick drench

Engineering Measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

Respiratory Equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand Protection

Use protective gloves made of: Nitrile, Butyl rubber, Neoprene. Polyvinyl chloride (PVC). Rubber (Natural, latex). The most suitable glove must be chosen in consultation with your glove supplier, who can inform about the breakthrough time of the glove material.

Eye Protection

Wear approved safety goggles.

Other Protection

Wear rubber apron, wear rubber footwear.

Hygiene Measures

Wash at the end of work shift and before eating, smoking and using the toilet. Remove contaminated clothing and wash the skin thoroughly with soap & water after work. Eating, smoking and water fountains prohibited in immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid		
Colour	Green yellow		
Odour	Chlorine		
Solubility	Soluble in water		
pH value, (conc. Solution)	>11	Boiling Point (°C)	>100
Relative Density	1.20 – 1.27	Melting Point (°C)	-17

10. STABILITY AND REACTIVITY

Reactivity	Generates toxic gas in contact with acid.
Chemical stability	Stable under normal temperature and recommended use
Conditions to avoid	Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures or direct sunlight.
Incompatible materials	Strong acids. Amines
Hazardous Decomposition Products	Chlorine, Oxygen

11. TOXICOLOGICAL INFORMATION

Toxic Dose 1-I_d 50	1100 mg/kg (oral rat)		
Acute Toxicity (Dermal LD50)	>2000 mg/kg Rat	Acute Toxicity (Inhalation LD50)	>10500 mg/L (Vapors) Rat 1 hour
Aspiration Hazard	None		
Ingestion	May cause chemical burns in mouth, oesophagus and stomach		
Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system. May cause irritation to the respiratory system		

Skin Contact	May cause serious chemical burns to skin
Eye Contact	Risk of serious damage to eyes
Target Organs	Respiratory system, lungs

12. ECOLOGICAL INFORMATION

Ecotoxicity	The product contains a substance which is very toxic to aquatic organisms LC50,96hrs, Fish mg/l 0.01-0.1 EC50, 48hrs, Daphnia, mg/l 0.01-0.1 IC50, 72 hrs, Algae, mg/l 0.85
Mobility	The product is soluble in water
Bioaccumulation	Is unlikely to be significant because of the low water solubility of this product
Degradability	The product is expected to be biodegradable
PBT & vPvB.	This product does not contain any PBT or vPvB substances
Other effects	Not known

13. DISPOSAL CONSIDERATIONS

General Information	Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Do not puncture or incinerate even when empty.
Disposal methods	Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

			
Proper Shipping name		Hypochlorite Solution	
UN No. Road	1791	UN No. Sea	1791
ADR Class No.	8	IMDG Class	8
ADR Class	Class 8: Corrosive substance	IMDG Pack Group	II
ADR Pack Group	II	EMS	F-A, S-B
Tunnel Restriction	(E)	UN No. Air	1791
Hazard No. (ADR)	80	Air Class	8
ADR Label No.	8	Air Sub Class	8
Hazchem code	2P	Air Pack Group	II

15. REGULATORY INFORMATION

General Information	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
Statutory Instruments	The Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716)
Approved Code of Practice	Safety data sheets for substances and preparation. Classification and labeling of substances and Preparations Dangerous for supply
Guidance Notes	Workplace Exposure Limits EH40

16. OTHER INFORMATION

REV. No. / REPL. SDS	2/1
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Generated	24 th March 2022
SDS No.	1027
Safety Data Sheet Status	
Approved.	24 th March 2022
Signature	
Hazard Statements in full	H314 Causes severe skin burns and eye damage EUH031 Contact with acids liberates toxic gas H290 May be corrosive to metals H335 May cause respiratory irritation H400 Very toxic to aquatic life
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. This product does not require any