

COSHH Safety Data Sheet

1. Identification of the Product and the Company

Billy's Bleach

Billy's Cleaning Fluids
Fenmoore Trading Estate
Gloucester GL12 8TG
Tel. 01234 567 8910

2. Composition/Information on Ingredients

HAZARDOUS COMPONENTS: (1) Hypochlorite Solution (2) Anionic Surfactant

Concentration: 5-15% Available chlorine <5%

EINECS No.: 236-878-3

CAS No.: 7693-57-9

Hazard: Xi-Irritant

Risk Phrase: R31 Contact with acids liberates toxic gas.
R36/38 Irritating to eyes and skin

3. Hazards Identification

This product is an irritant and can cause burns and severe irritation to the eyes, skin, respiratory and digestive systems.



4. First Aid Measures

EYES: Immediately flush with eye wash solution or clean water for at least 10 minutes. GET MEDICAL ATTENTION.

SKIN: Wash the affected area with plenty of water.

INGESTION: GET MEDICAL ATTENTION – Drink copious amounts of water or milk. Do not induce vomiting.

INHALATION: Remove from exposure. GET MEDICAL ATTENTION.

5. Fire Fighting Measures

EXTINGUISHING MEDIA: Not combustible. Non flammable.

SPECIAL HAZARDS: Chlorine gas may be evolved.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:	Wear suitable eye/face protection, gloves and protective clothing.
ENVIRONMENTAL PRECAUTIONS:	If contamination of water courses drains or vegetation occurs inform relevant authorities.
SPILLAGE TREATMENT:	Small spillage: Treat with sodium sulphite to neutralise and wash with large amounts of water. Large spillage: Mix with sand or earth and remove to suitable container for transfer to an approved chemical tip or alternatively flush to drain with copious quantities of water.

7. Handling and Storage

HANDLING:	Trained personnel wearing suitable protective clothing. Avoid contact with skin or eyes.
STORAGE:	Store in secure chemical area at ambient temperature in closed vessels away from reactive chemicals.
PACKAGING:	Supplied in 750ml and 5 litre approved plastic containers.

8. Exposure Controls/Personal Protection



EXPOSURE LIMITS:	Chlorine OES/STEL 3mg/m ²
GENERAL:	No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety. Avoid contact with eyes, skin or clothes.
PERSONAL PROTECTION:	The following personal protective equipment should be provided.
SKIN PROTECTION:	Protective overalls/shoes.
HAND PROTECTION:	Impervious gloves.
EYE PROTECTION:	Chemical safety goggles.

All personal protective equipment must comply with EEC standards and be maintained to ensure suitability for use.

9. Physical and Chemical Properties

APPEARANCE:	Clear yellow liquid
ODOUR:	Characteristic bleach odour
RELATIVE DENSITY:	~1.100
pH 1% soln.:	10.0 - 12.0
WATER SOLUBILITY:	Completely soluble in water

10. Stability and Reactivity

STABILITY:	Product decomposes with time.
CONDITIONS TO AVOID:	Increase in temperature and exposure to light.
MATERIALS TO AVOID:	Avoid contact with acids, oxidising agents and metals such as zinc and aluminium.
DECOMPOSITION PRODUCTS:	Chlorine gas will be evolved if mixed with acids.

11. Toxicological Information

ACUTE TOXICITY:	Harmful by ingestion, inhalation, skin and eye contact. Local corrosive effects predominate.
EYES:	Contact with liquid or spray can cause eye damage.
SKIN:	Liquid can cause severe irritation and burns if contact prolonged.
INGESTION:	Severe irritation and corrosion of mouth, throat and digestive tract.
INHALATION:	Irritation of the nose, throat and respiratory tract.

12. Ecological Information

MOBILITY:	Product miscible in water.
DEGRADABILITY:	Product is above 98% Biodegradable
ACCUMULATION:	None known.
ECOTOXICITY:	Contains substances which can affect the aquatic environment.

13. Disposal Considerations

Wear appropriate protective clothing. Soak up with sand or earth and remove to suitable container for transfer to chemical tip. Alternatively flush to drain with copious quantities of water. Disposal should be in accordance with waste disposal or water authority regulations.

14. Transport Information

UN No: 1562
Hazard Class: 8 Hypochlorite Solution
Packaging Group: II

Only transport in original containers in upright position. Never remove containers from cardboard cartons before transporting. Unless containers are palletised never transport stacked more than two high.

15. Regulatory Information

Chemicals (Hazard Information and Packaging for Supply)

Regulations Classification: Xi Irritant

Risk Phrases: R31 Contact with acids liberates toxic gas.
R36/38 Irritating to eyes and skin.

Safety Phrases: S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with the skin wash immediately with plenty of water.

S37/39 Wear suitable gloves and eye/face protection.

Use of this product may be governed by the following regulations:

Chemical Hazard Information and Packaging Regulations,
Carriage of Dangerous Goods by Road and Rail (C.P.L.) Regulations,
Control of Substances Hazardous to Health Regulations.

16. Other Information

The information contained in this sample Material Safety Data Sheet is for educational purposes only and is not intended to describe a real product.

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