

Safety Data Sheet

Issue Date: March 2023

ISSUED by Eazy-Gleam

Bleach

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Bleach
Product Code	BCH5, BCH20
Company Name	Total Focus Chemicals (A.C.N. 655 918 755)
Address	36 Richland Ave, Coopers Plains, QLD 4108
Emergency Tel.	After hours only: 0477 447 999
Telephone/Fax Number	Tel: (07) 3274 2593 Fax: (07) 3277 2450
Email	sales@eazygleam.com.au
Recommended Use	Liquid Laundry Bleach for cleaning/sanitising
Other Information	The information herein is, to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control, Eazy-Gleam Pty Ltd does not accept liability for any damages resulting from the use of, or reliance on, this information, in inappropriate contexts.

2. HAZARDS IDENTIFICATION

Hazard Classification	Classified as hazardous according to criteria of GHS Not classified as Dangerous Goods according to the Australia Dangerous Goods Code Eye Irritation: Category 2A Skin Irritation: Category 2
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Signal Word	WARNING
Hazard Statements:	Contact with Acid liberates Toxic Gas Causes skin & eye irritation.



Precautionary Statements:

Prevention:	Wash hands thoroughly after handling. Do not touch eyes. Wear protective gloves & eye protection
Response:	IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash before re-use. If skin irritation occurs seek medical help. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists seek medical advice.
Storage:	Store in a well ventilated place. Keep cool.
Disposal:	Dispose of contents and containers as per local regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Sodium Hypochlorite	7681-52-9	5 - 10 %

4. FIRST AID MEASURES

Inhalation	Remove the victim from the source of exposure, if rapid recovery does not occur, seek immediate medical attention. If the victim is not breathing, apply artificial resuscitation.
Ingestion	Do NOT induce vomiting. Give water to drink. Seek immediate medical attention. If spontaneous vomiting occurs, keep head below hips to prevent aspiration.
Skin	Remove contaminated clothing and launder before re-use. Wash affected skin with water.
Eye	Hold the eyes open and flush with water for at least 15 minutes. Seek medical attention.
First Aid Facilities	This Safety Data Sheet should be provided to the attending medical doctor. Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use.
Advice to Doctor	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:

Use the extinguisher appropriate to the source of the fire or to the principal fire hazard. Keep containers exposed to extreme heat cool with water spray.

Specific Hazards:

None known. This product is not flammable under the conditions of use and does not support combustion.

Hazards from Combustion Products:

Carbon Carbon monoxide may be evolved if incomplete combustion occurs..

Special Protective Equipment for fire fighters:

If this product is involved in a fire, firefighters should wear full protective clothing including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Personnel involved in cleaning up any spills are to wear gloves and goggles. If there is the possibility of a fire, then personnel should also wear self-contained breathing apparatus. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth, and then transfer into sealed plastic containers for disposal.

Personal Precautions, protective equipment & emergency procedures:

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel..

Environmental Precautions:

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Ventilate contaminated area thoroughly.

7. HANDLING AND STORAGE

Handling and Storage	Store in plastic containers in a clean, dry, cool, well ventilated place away from foodstuffs. Do not store in aluminium or light alloy containers. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Not established
Engineering Controls	Natural ventilation adequate under normal conditions of use. If using the product in a spray mist form, the ventilation must be capable of limiting exposure to below the exposure standards quoted. Keep containers closed when not in use.
Personal Protective Equipment	Not required under normal conditions of use. Wear gloves and chemical goggles if handling large amounts and if splashing is likely to occur. Wear an organic vapour respirator if insufficient engineering controls exist to maintain operator exposure below the exposure limits quoted.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, straw coloured liquid,
Boiling Point	Ca. 100°C
Solubility in Water	complete
Specific Gravity	1.0 – 1.1g/ml (25°C)
pH Value	>12.5 neat
Evaporation Rate	Not available
Flash Point	This product will not flash
Flammability	Not Flammable

10. STABILITY AND REACTIVITY

Chemical Stability	Store below 30°C to prevent decomposition of active. Keep out of direct sunlight.
Conditions to Avoid	ACIDS; violent reaction can occur yielding heat and pressure which can burst an enclosed container. Attacks many reactive metals (aluminium, magnesium, zinc alloys) releasing flammable gas (hydrogen) which then generates fire or explosion hazards. Reacts slowly with ambient air (particularly carbon dioxide) which may cause certain insoluble salts to form in solutions
Incompatible Materials	Amines, ammonium salts, aziridine, methanol & phenylacetonitrile. Reacts with metal salts, peroxides & reducing agents. Reacts violently with acids
Hazardous Decomposition	Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours. Reacts vigorously with acids producing dangerous levels of gaseous chlorine

11. TOXICOLOGICAL INFORMATION

Inhalation	Excessive inhalation of spray mists may cause severe bronchial irritation and pulmonary edema.
Ingestion	Harmful if swallowed. Ingestion of this product may cause nausea, vomiting of blood and eroded tissue, chemical burns of the throat, mouth and abdomen.
Skin	Irritant to skin. May cause burns. Severity depends on the concentration and duration of exposure
Eye	Severe irritant to eyes. Contact can cause corneal burns. Repeat overexposure may lead to chronic conjunctivitis
Chronic Effects	s Prolonged and repeated skin contact with diluted solutions may induce eczematoid dermatitis

12. ECOLOGICAL INFORMATION

Short Summary of Assessment of Environmental Impact	Harmful to aquatic life. Product is miscible in all proportions with water. Individual components are biodegradable. LC50(48h): 0.07 – 5.9mg/L
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13. DISPOSAL CONSIDERATIONS

Waste Disposal	Recycle if possible. Otherwise, dispose of large amounts according to local authority statutory requirements. For small amounts, wash the product to the drain with a large excess of water.
Container Disposal	Rinse empty containers with an excess of water to the effluent system. The clean, empty containers are recyclable.

14. TRANSPORT INFORMATION

Transport Information	This product is classified as Not Dangerous according to the ADG.
IMO Marine Pollutant	None of the components of this product is considered by IMO to be a Marine Pollutant.

15. REGULATORY INFORMATION

Poisons schedule AICS (Australia)	Schedule 5 Poison (Alkaline Salts) To the manufacturer's best knowledge, all components of this product are listed on AICS.
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16. OTHER INFORMATION

Contact Person/Point	Technical Manager 0477 447 999
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