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MATERIAL SAFETY DATA SHEET

Sodium Carbonate 10% Solution

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name: Sodium Carbonate 10% Solution
Uses: pH correction

Company undertaking identification:

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2 HAZARDS IDENTIFICATION

Human health hazards: Irritating to eyes, respiratory tract and skin.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name:	%	CAS No.:	EC No.:	Symbol:	R phrases:
Sodium Carbonate	10	497-19-8	207-838-8	Xi	36

4 FIRST AID MEASURES

Inhalation: Remove to fresh air, keep warm and at rest. May cause irritation to respiratory tract.

Ingestion: Do not induce vomiting. Wash out mouth with water and give 200 - 300ml of water to drink. Obtain medical attention if ill effects occur.
 Can cause gastrointestinal irritation with nausea, vomiting and diarrhoea.

Skin contact: Remove contaminated clothing. Wash skin with plenty of water.

Eye contact: Irrigate thoroughly with eyewash solution or clean water for at least 10 minutes. Obtain medical attention if necessary.

Further medical treatment: Unlikely to be required, but if necessary treat symptomatically.

5 FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Not combustible. Use suitable extinguishing media for surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

Methods for cleaning up: Absorb with inert material (e.g. vermiculite, sand or earth). Transfer to a container for disposal or recovery. Do not allow to enter sewers or waterways. Wash spillage area with water.

7 HANDLING AND STORAGE

Handling: Use with adequate ventilation. Avoid contact with skin and eyes.

Storage: Storage area should be: cool, dry and well ventilated. Store away from acids.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limits: Not listed by HSE (Guidance Note EH40) or ACGIH.

Personal Protective Equipment: Wear suitable gloves, goggles and protective clothing to prevent contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Odour:	Odourless
Colour:	Clear	Specific Gravity (20°C):	1.09 - 1.110

10 STABILITY AND REACTIVITY

Hazardous reactions: May react with acids to produce carbon dioxide.

Hazardous decomposition products:
Carbon dioxide.

11 TOXICOLOGICAL INFORMATION

Eye: Irritating to eyes. May cause corneal damage. Permanent damage is unlikely.

Skin: May cause skin irritation. Repeated or prolonged contact will remove natural grease resulting in dryness and cracking.

Ingestion: Sodium carbonate is a permitted food additive. However, in large doses corrosion of the mucous membranes of the gastrointestinal tract may occur.

Inhalation: High concentrations of dust may irritate the nasal membranes and respiratory system.

12 ECOLOGICAL INFORMATION

Ecotoxicity: Soluble in water.

Persistence & degradation: No data.

Aquatic Toxicity: Practically non-toxic to fish.
LC50 (Lepomis Machrochiruc) (96 hour): 180 mg/l.

13 DISPOSAL CONSIDERATIONS

Product & contaminated packaging:

Dispose of in accordance with all applicable local and national regulations.
Do not dispose of with acids.

14 TRANSPORT INFORMATION

UN Number: Not classified.

15 REGULATORY INFORMATION

Symbols:



Irritant

RISK PHRASES:	36	Irritating to eyes.
SAFETY PHRASES:	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16 OTHER INFORMATION

Source of Information: Health and Safety Data Sheet Ref: 18835, SOCA10/1

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Health and Safety

This Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on the handling precautions and emergency procedures. This must be consulted fully before handling, storage and use.