

MATERIAL SAFETY DATA SHEET

According to 2001/58/EEC

M13022

01. PRODUCT AND COMPANY IDENTIFICATION



Atlantic Care Chemicals Pvt. Ltd

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LCM 190110/01

BIO ALCALIN

Liquid Alkaline Booster and Stain Remover

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02. COMPOSITION AND INFORMATION ON INGREDIENTS

Component	CAS	Weight %
Sodium trioxo silicate	10213 - 79 - 3	20 - 30 %
Fatty acid sulfonate potassium salt	68609 - 93 - 8	20 - 30 %
R O water	7732 - 18 - 5	20 - 40 %

03. HAZARDS IDENTIFICATION

Causes severe burns to direct eye and skin contact.

04. FIRST AID MEASURES

Inhalation	Move to fresh air.
Skin contact	Rinse with plenty of water.
Eye contact	Wash eyes immediately with large amounts of water. Get medical attention if irritation persists.
Ingestion	Rinse mouth thoroughly with water and drink water afterwards. Consult a doctor.

05. FIRE FIGHTING MEASURES

Extinguishing media	Use extinguishing media appropriate to surrounding fire
Specific hazard	Non flammable, it does not present any particular risk on the event of fire.
Flash point	Above 230°C
Boiling point	Above 98°C

06. ACCIDENTAL RELEASE MEASURES

Remove the spill with mechanical equipment and dispose of in accordance with section 13. Wash non-recoverable remainder with large amounts of water.

07. HANDLING AND STORAGE

Avoid any direct contact with the product.

STORAGE: Take all necessary measures to avoid accidental discharge of the products into drains and waterways due to the rupture of containers or transfer systems. Stable under normal storage conditions. Keep in the original container on a cool ventilated place.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ensure good ventilation of the workstation.

Personal Protective equipment : Protective gloves, safety spectacles.

Emergency equipment : Safety shower, Eye fountain

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless clear liquid
Chemical nature	Highly alkaline
pH (5 % solution)	12.0 - 14.0
Compatibility	Compatible with all alkaline products

10. STABILITY AND REACTIVITY DATA

Stable under normal conditions of use.

No dangerous reaction known under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Local effects: This product is considered to be irritating to Eyes and skin

12. ECOLOGICAL INFORMATION

Biodegradable

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with safety regulations. Incinerate at a licensed installation

14. TRANSPORT INFORMATION

Land (ADR/RID)	Not Restricted
Sea (IMO/IMDG)	Not Restricted
Air (ICAO-IATA)	Restricted

15. REGULATORY INFORMATION

Mandatory labeling (self-classification) of hazardous substances applicable.

Classification/Symbols



Xi (Irritant)



CORROSIVE

R phrases: R36/38: Irritating to eyes and skin
R41 : Risk of serious damage to eyes
R43 : May cause sensitization by skin contact

S phrases: S23 : Do not breathe
S 26 : In case of contact with eyes, rinse with plenty of Water and seek medical advice
S 37 : Wear suitable gloves.
S 39 : Wear suitable eye face protection

16. OTHER INFORMATION

Caution: For manufacturing, processing or repacking by trained personnel

The information contained in this document is true and reliable and is given in good faith based on our current knowledge. The customers may satisfy themselves (by appropriate testing if necessary) that the product is suitable for their purposes and conditions of use and ensure compliance with local legislation. Users are requested to check that they are in possession of the latest version of this document and we are at their disposal to supply any additional information.