



MATERIAL SAFETY DATA SHEET

Hazardous according to criteria of NOHSC Australia

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

Product Name: Centrox L (Aqueous Solution)

Synonyms:

CAS-No.:

Molecular Formula:

Supplier: Australian Industrial Additives Pty Ltd

ACN:

ABN: 54 098 340 062

Street Address: 1 Shelley Court
Kilsyth Vic 3137
Australia

Telephone: + 613 9725 9077

Facsimile: + 613 9723 3662

Emergency telephone numbers: Victor Vyrodov 0413 628 820
Ted Meredith 0422 003 768

2. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended use: Surface hardening and sealing surface cracks in new and old concrete while significantly increasing the properties of the concrete against reinforcement corrosion, water ingress and chemical attack.

Appearance: Opaque, colourless liquid.

CHEMICAL ENTITY	CAS NO.	PROPORTION
Sodium Nitrate	7631-99-4	LOW
Sodium Carbonate	497-19-8	LOW
Non hazardous ingredients		VHIGH
		100%

PROPORTION (% weight per weight):

VHIGH >60 HIGH 30-60 MED 10-29 LOW 1-9 VLOW <1

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

3. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of NOHSC Australia.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective: The following personal protective equipment should be worn. Safety glasses, goggles or face shield as appropriate. Rubber gloves. Appropriate protective clothing. Avoid all contact. Wash contaminated clothing and protective equipment before storing/re-using. Always wash hands before smoking, eating, drinking or using the toilet. Ensure an eye bath and water for washing of skin and rinsing of mouth is available.

Engineering Controls: No special engineering controls are required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour: Opaque colourless liquid with alkaline odour.

Solubility: Soluble in water.

Density: 1.08 kg/ltr **pH:** Approx 10.5

10. STABILITY AND REACTIVITY

Stability: Chemically stable.

Conditions to avoid:

Incompatible materials: Strong oxidiser, strong acids.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Material is irritant to mucous membranes and respiratory tract, may cause burning.

Skin contact: Contact with skin will result in irritation or burning. Repeated or prolonged skin contact may lead to allergic contact dermatitis. Can be absorbed through the skin with resultant toxic effect.

Eye contact: A severe eye irritant.

Ingestion: Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and irritation to the gastrointestinal tract.

12. ECOLOGICAL INFORMATION

Avoid contaminating soil and waterways.



13. DISPOSAL CONSIDERATIONS

Product collected from spills in inert absorbent material should be disposed of at an approved waste facility. Not listed as an R.C.R.A. hazardous waste.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

UN No.: None allotted.
Class-primary: Aqueous Solution.
Packing group: II
Hazchem code: None allotted.

Proper Shipping Name: Centrox L (Aqueous Solution).

Segregation Dangerous Goods: Not to be loaded with acid containers.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No.: None allotted.
Class-primary: Aqueous Solution.
Packing group: II
Hazchem code: None allotted.

Proper Shipping Name: Centrox L (Aqueous Solution).

Segregation Dangerous Goods: Not to be loaded with acid containers.

Air Transport:

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No.: None allotted.
Class-primary: Aqueous Solution.
Packing group: II
Hazchem code: None allotted.

Proper Shipping Name: Centrox L (Aqueous Solution).

Segregation Dangerous Goods: Not to be loaded with acid containers.

15. REGULATORY INFORMATION

Hazardous according to criteria of NOHSC Australia.

**Hazard Category:**

Xi Irritant
Xn Harmful

Risk Phrase(s)

R36/37/38: Irritating to eyes, respiratory system and skin.
R21/22: Harmful in contact with skin and if swallowed.

Safety Phrase(s)

S3: Keep in a cool place.
S7/9: Keep container tightly closed in a well ventilated place.
S24/25: Avoid contact with skin and eyes.
S36/37: Wear suitable protective clothing and gloves.

This material is not listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Literary reference

This Material Safety Data Sheet has been prepared by Australian Industrial Additives Pty Ltd from information obtained from MSDS provided by the suppliers of the various chemicals used in this product.

For further information about this product contact:

Name: Dr Victor Vyrodov
Phone: 03 9725 9077

Reason(s) for issue: To meet requirements of NOHSC: 2011 (2003)

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Australian Industrial Additives Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.