

SAFETY DATA SHEET



ISSUE DATE: 21.10.03 ISSUE NUMBER: 1
MSDS Code: N/A SAP Code: 56000544

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial Name **Clean'n Fresh Fresh Thick Bleach**

Product Type Thick Bleach.

Other Means of Identification

Intended / Recommended Use For general disinfecting and cleaning purposes and for bleaching fabrics.

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2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>NAME</u>	<u>RANGE</u>	<u>EINECS</u>	<u>CAS No</u>	<u>OEL</u>	<u>CLASSIFICATION</u>
Alkyldimethyl	0.1 - 1 %	273-281-2	68955-55-5		Xi R38 R41 N R50
Sodium Hypochlorite	1 -10%	231-668-3	7681-52-9		C R31 R34 Xi R36 R38 N R50
Sodium Hydroxide	0.1 -1%	215-185-5	1310-73-2	2 mgm ³ STEL	C R34 R35 Xi R36 R38

3. HAZARDS IDENTIFICATION

Prolonged or repeated exposure to the skin may cause moderate irritation.

If product comes into contact with eyes may cause moderate irritation and may cause irreversible damage.

If ingested, the product will lead to severe irritation of the mouth and upper digestive tract. If significant quantities are ingested (>50ml), then nausea, vomiting and diarrhoea may occur.

Any liberated chlorine will cause severe respiratory and eye irritation.

4. FIRST AID MEASURES

EYE Immediately wash the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical advice.

SKIN Immediately remove contaminated clothing. Wash skin thoroughly with soap and water. Seek medical advice if soreness or redness persists, or if blistering occurs.

INGESTION Wash out mouth with water and give sips of cold water or milk to soothe affected areas. Do not induce vomiting. Obtain medical advice.

INHALATION Product is a liquid, as such inhalation is not a likely route of exposure.

Following exposure to free chlorine:

EYE Remove from the site of exposure. Wash eyes with plenty of cold water for at least 10 minutes, holding the eye open. Obtain medical attention urgently.

INHALATION Remove from the site of exposure. Keep warm and at rest. If there is any difficulty in breathing give oxygen. If breathing stops or shows signs of failing, apply artificial respiration NOT mouth to mouth ventilation. Obtain medical advice immediately.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHERS: Dry powder, foam, carbon dioxide and water mist.

EXTINGUISHERS NOT TO BE USED: DO NOT USE DIRECT WATER SPRAY.

SPECIAL EQUIPMENT: In case of fire of large quantities of product, self contained breathing apparatus should be worn.

HAZARDOUS COMBUSTION PRODUCT: Avoid fumes from spillages or exposed liquid.

EXPOSURE HAZARDS: This product will decompose when heated - decomposition products may cause containers to swell and possibly rupture.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid all contact with liquid. Keep out of the reach of children. Do not mix with acids or other cleaning products.

ENVIRONMENTAL PRECAUTIONS: Avoid discharge of large volumes into water courses.

METHODS FOR CLEANING UP: Contain the spilled liquid with sand or an inert absorbent material. Transfer used material to a suitable waste container and dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

HANDLING: Maintain good occupational and personal hygiene. Avoid contact with skin and eyes. Wash skin thoroughly if contact occurs.

STORAGE: Store in original container in an upright position in a cool dark place. Keep out of the reach of children. Use only as directed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Respiratory Protection:	None required during normal use.
Hand Protection:	None required during normal use. Avoid prolonged or repeated contact.
Eye Protection:	None required during normal use.
Skin Protection:	None required during normal use. Avoid prolonged or repeated contact.

OCCUPATIONAL EXPOSURE LIMITS None assigned for this product.

ENVIRONMENTAL EXPOSURE CONTROLS: Not required in normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Commercial Name:	MSDS Code	Appearance:	pH:	Odour:
Economy Thick Bleach	N/A	Clear viscous liquid	N/A	
Oxidising Properties:	Explosive Properties:	Evaporation Rate:	Boiling Point / Range	
N/A	N/A	N/A	N/A	
Flammability (Solid/Gas)	Relative Density:	Vapour Density:	Vapour Pressure:	
N/A	Specific Gravity 1.06	N/A	N/A	
Flash Point:	Solubility:	Viscosity	Partition Co-efficient:	Other Information:
N/A	N/A	25-35 seconds	N/A	N/A

10. STABILITY AND REACTIVITY

Conditions to avoid: . Extreme temperatures.

Materials to avoid: Reaction with other acids will produce chlorine gas.
Do not mix with other cleaning products.

11. TOXICOLOGICAL INFORMATION

EYE: Will cause irritation if product comes into contact with eye. May cause irreversible damage.
Release of chlorine gas may cause severe eye irritation.

SKIN: Will be irritant to skin especially if contact is prolonged or repeated.

INGESTION: May cause severe local irritation of the mouth and upper digestive tract. This may result in nausea or vomiting.

INHALATION: Low risk. Vapour concentrations may be irritating to the respiratory tract. Any liberated chlorine as a result of mixture of the product with acid may cause severe respiratory irritation.

12. ECOLOGICAL INFORMATION

The surfactants used in the manufacture of this product comply with EC regulations on the biodegradability of surfactants. The other components of this product are either inert or are absorbed onto sewage and sediments etc., or will biodegrade to substances which are likely to be of low environmental impact when the product is used as directed.

Product packaging may be recycled where facilities are available.

13. DISPOSAL CONSIDERATIONS

Contents:

Under conditions of expected use the product will be disposed of at the end of its life into the normal domestic refuse system.
No adverse effects are expected.
Large quantities should be disposed of in accordance with local regulations.

Empty Containers:

Dispose of in accordance with local regulations.

Product packaging may be recycled where facilities are available.

14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

Under the Chemical Hazard, Information and Packaging Regulations (CHIP3) 2002 this product is classified irritating to eyes and skin (XI R36 R38).

St Andrew's Cross followed by the word Irritant.

Xi	R36-38	Irritating to eyes and skin.
	S2	Keep out of reach of children.
	S24-S25	Avoid contact with skin and eyes
	S26	Avoid contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S46	If swallowed, seek medical advice and show this container or label.

Contains sodium hydroxide and sodium hypochlorite.

WARNING! Do not use together with other cleaning products. May release dangerous gases (chlorine).

15. For information

R31	Contact with acids liberates toxic gas
R34	Causes burns
R35	Causes severe burns
R36	Irritating to eyes
R38	Irritating to skin
R41	Risk of serious damage to eyes
R50	Very toxic to aquatic organisms

Disclaimer:

The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. Robert McBride Limited will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendation.

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