

# SAFETY DATA SHEET

ISSUE DATE: 02/11/2007 ISSUE NUMBER: 1

MSDS Code: N/A SAP Code: 56009205

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION

Commercial Name **Tesco Fresh Thick Bleach**

Product Type Thick Bleach.

Other Means of Identification

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

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>NAME</u>	<u>RANGE</u>	<u>EINECS</u>	<u>CAS No</u>	<u>OEL</u>	<u>CLASSIFICATION</u>
Sodium Hypochlorite	1 - 100%	231-668-3	7681-52-9	-	C R31 R34 R36 R38
Sodium Lauryl Ether Sulphate	1 - 10%	221-416-0	9004-82-4	-	XI R41 R38
Sodium Hydroxide	01-1.0%	215-185-5	1310-73-2	2mgm. STEL	C R34 R35 Xi R36 R38
Alkyldimethyl Amine Oxide	1 -10%	273-281-2	68955-55-5	-	XI R38 R41 N R50

## 3. HAZARDS IDENTIFICATION

Under the Chemical Hazard, information and packaging regulations (CHIP3.2)2007 this product is classified irritating to eyes and skin (Xi R36 R38).

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 and vomiting 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**

<b>Commercial Name:</b> Thick Bleach	<b>MSDS Code</b> N/A	<b>Appearance:</b> uncoloured Viscous Liquid	<b>pH:</b> N/A	<b>Odour:</b>
<b>Oxidising Properties:</b> N/A	<b>Explosive Properties:</b> N/A	<b>Evaporation Rate:</b> N/A	<b>Boiling Point / Range</b> N/A	
<b>Flammability (Solid/Gas)</b> N/A	<b>Relative Density:</b> Specific Gravity- 1.06	<b>Vapour Density:</b> N/A	<b>Vapour Pressure:</b> N/A	
<b>Flash Point:</b> N/A	<b>Solubility:</b> N/A	<b>Viscosity</b> 100-150 secs	<b>Partition Co-efficient:</b> N/A	<b>Other Information:</b> 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 contained in this product comply with the biodegradability criteria as laid down in regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member state. 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

Not registered as hazardous for transportation purposes.

#### 15. REGULATORY INFORMATION

Under the Chemical Hazard, Information and Packaging Regulations (CHIP3.2) 2007 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 the reach of children.
	S24-25	Avoid contact with skin and eyes.
	S26	In case of 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).

This product does not require any additional ingredient declaration under Regulation EC 648/2004 on detergents

#### 16. Other Information.

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.



Rinse and dry hands after use



Do not change container to store contents



Do not mix with other products

For further ingredient information, please access the following website [www.detergentinfo.com](http://www.detergentinfo.com).  
Medical personnel may request a medical datasheet under Regulation 648/2004/EC from the manufacturer as detailed in section 1.



**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.

Reason for and Description of Changes: