

# SAFETY DATA SHEET

## E001 - BLEACH

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

**PRODUCT NAME:** E001 - BLEACH  
**PART No.:** 1797  
**SUPPLIER:** Selden Research Limited  
Ashbourne Road  
Buxton  
Derbyshire, SK17 9RZ  
Tel: 01298 26226  
Fax: 01298 26540

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME			CONTENT
<b>CAS No.:</b>	<b>EINECS Nr.:</b>	<b>CLASSIFICATION</b>	
SODIUM HYPOCHLORITE			1-5 %
7681-52-9	231-668-3	C R-31, 34	

The Full Text for all R-Phrases are Displayed in Section 16

### 3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.

### 4. FIRST AID MEASURES

**INHALATION:** Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

**INGESTION:** Remove victim immediately from source of exposure. DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

**SKIN:** Remove affected person from source of contamination. Remove contaminated clothing. Rinse with water. Get medical attention if any discomfort continues.

**EYES:** Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** This material is not flammable. Use extinguishing media appropriate for surrounding fire.  
Use: Dry chemicals, sand, dolomite etc. Foam. Water spray.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water to keep fire exposed containers cool and disperse vapours.

### 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEANUP METHODS:** Wear necessary protective equipment. Stop leak if possible without risk. Absorb in

vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.

## 7. HANDLING AND STORAGE

**USAGE PRECAUTIONS:** Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS:** Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
SODIUM HYPOCHLORITE	7681-52-9		No std.	No std.

**INGREDIENT COMMENTS:** OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT:**



**VENTILATION:** Provide adequate general and local exhaust ventilation.

**RESPIRATORS:** No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

**PROTECTIVE GLOVES:** Chemical resistant gloves required for prolonged or repeated contact.

**EYE PROTECTION:** Use eye protection.

**HYGIENIC WORK PRACTICES:** DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes wet or contaminated. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear. Liquid.

**COLOUR:** Light (or pale). Yellow.

**ODOUR/TASTE:** Slight. Chlorine.

<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	1.065 - 1.075	<b>Temperature (°C):</b>	20
---	---------------	--------------------------	----

**SOLUBILITY DESCRIPTION:** Soluble in water.

## 10. STABILITY AND REACTIVITY

**STABILITY:** Normally stable.

**CONDITIONS TO AVOID:** Avoid contact with acids. Oxidising, avoid contact with reducing agents.

**HAZARDOUS DECOMP. PRODUCTS:** Fire or high temperatures create: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## 11. TOXICOLOGICAL INFORMATION

<b>INHALATION:</b>	Vapour may irritate respiratory system or lungs.
<b>INGESTION:</b>	Burning sensation in mouth. Gastrointestinal symptoms, including upset stomach.
<b>SKIN:</b>	Liquid may irritate skin.
<b>EYES:</b>	Extreme irritation of eyes and mucous membranes, including burning and tearing.

## 12. ECOLOGICAL INFORMATION

<b>ECOLOGICAL INFORMATION:</b>	Not regarded as dangerous for the environment.
--------------------------------	--

## 13. DISPOSAL CONSIDERATIONS

<b>DISPOSAL METHODS:</b>	Dispose of in accordance with Local Authority requirements.
--------------------------	---

## 14. TRANSPORT INFORMATION

<b>ROAD TRANSPORT NOTES:</b>	Not Classified
<b>SEA TRANSPORT NOTES:</b>	Not Classified.
<b>AIR TRANSPORT NOTES:</b>	Not Classified.

## 15. REGULATORY INFORMATION

### LABEL FOR SUPPLY:



<b>RISK PHRASES:</b>	R-31 Contact with acids liberates toxic gas. R-36/38 Irritating to eyes and skin.
<b>SAFETY PHRASES:</b>	S-24/25 Avoid contact with skin and eyes. S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-37/39 Wear suitable gloves and eye/face protection.
<b>STATUTORY INSTRUMENTS:</b>	Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
<b>APPROVED CODE OF PRACTICE:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.
<b>GUIDANCE NOTES:</b>	Occupational Exposure Limits EH40. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION

<b>USER NOTES:</b>	The following risk phrases relate to the raw materials in the product and not the product itself:-
<b>REVISION DATE:</b>	February 2003*
<b>REV. No./REPL. SDS GENERATED:</b>	4

**PRINTING DATE:** 2004-04-02

**R-PHRASES (Full Text):** R-31 Contact with acids liberates toxic gas. R-34 Causes burns.