



# SAFETY DATA SHEET

## BLEACH

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

**PRODUCT NAME:** BLEACH

**PART No.:** A065

**IN-HOUSE No.:** P.101A

**APPLICATIONS:** General Chlorine based Disinfectant Cleaner

**SUPPLIER:** Evans Vanodine International  
Brierley Road  
Walton Summit  
Preston. PR5 8AH

**TEL:** 01772 322200

**FAX:** 01772 626000

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
SODIUM HYPOCHLORITE	231-668-3	7681-52-9	1-5 %	C	31, 34

The full text for all R-phrases are shown in section 16.

### 3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.  
Contact with Acids liberates toxic gases.

### 4 FIRST AID MEASURES

**INHALATION:** Not relevant. Inhalation unlikely.

**INGESTION:** DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.

**SKIN:** Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

**EYES:** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. 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.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

If involved in fire, may emit noxious fumes.

**PROTECTIVE MEASURES IN FIRE:** Protective clothing and respiratory protection should be worn when tackling fires involving this product.

# BLEACH

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS DURING SPILL:

Avoid contact with eyes. Avoid contact with skin.

### PRECAUTIONS TO PROTECT ENVIRONMENT:

Large spillages or uncontrolled discharges into rivers or streams must be reported to The Environment Agency or other regulatory body.

### SPILL CLEANUP METHODS:

Small quantities may be flushed to drains with plenty of water. Larger spill: Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS:

Avoid contact with skin and eyes. DO NOT mix with other chemicals.

### STORAGE PRECAUTIONS:

Keep in original container. Keep containers tightly closed. Store in a cool place away from light.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### VENTILATION:

Not applicable.

### RESPIRATORS:

None required.

### PROTECTIVE GLOVES:

For prolonged or repeated skin contact the use of household rubber gloves is advisable.

### EYE PROTECTION:

Eye protection recommended.

### OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE:

Liquid.

### COLOUR:

Clear. Pale Yellow.

### ODOUR/TASTE:

Characteristic Hypochlorite

### SOLUBILITY DESCRIPTION:

Soluble in water.

### BOILING POINT (°C):

101 @ 760mmHg

### MELTING POINT (°C):

-1

### SPECIFIC GRAVITY (Water=1):

1.080 @ 20 °C

### pH-VALUE, CONC:

12.4

### FLASH POINT (°C):

Boils without flashing

## 10 STABILITY AND REACTIVITY

### STABILITY:

Inadequately vented containers may become pressurised.

### CONDITIONS TO AVOID:

Heat and direct sunlight.

### MATERIALS TO AVOID:

Alkalis, acids, metal salts and reducing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS:

Toxic chlorine gas is released if product is mixed with acidic materials.

## 11 TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION:

Refer to section 3.

### OTHER HEALTH EFFECTS:

Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

## 12 ECOLOGICAL INFORMATION

### ENVIRONMENTAL HAZARDS:

Not regarded as dangerous for the environment.

### BIO ACCUMULATION:

Completely soluble. No bioaccumulation.

### DEGRADABILITY:

Rapidly degrades to Sodium Chloride by chemical reaction with organic matter in effluent.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS:

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

# BLEACH

## 14 TRANSPORT INFORMATION

**GENERAL:** Not classified for Transport.  
**ROAD:**  
**RAIL:**  
**SEA:**  
**AIR:**

## 15 REGULATORY INFORMATION

**LABEL FOR SUPPLY:**



IRRITANT

**RISK PHRASES:** R-36/38 Irritating to eyes and skin.  
R-31 Contact with acids liberates toxic gas.

**SAFETY PHRASES:** S-2 Keep out of reach of children.  
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-46 If swallowed seek medical advice immediately and show this container label.

**UK ENVIRONMENTAL LISTINGS:** Control of Pollution (Special Waste) Regulations 1980.  
**EC DIRECTIVES:** System of specific information relating to Dangerous Preparations. 91\155.  
As amended by Directive 93/112/EC and 2001/58/EC.

**STATUTORY INSTRUMENTS:** Chemicals (Hazard Information and Packaging) Regulations.  
2002  
Control of Substances Hazardous to Health.

**APPROVED CODE OF PRACTICE:** The compilation of safety Data Sheets L130.

**GUIDANCE NOTES:** Occupational Exposure Limits EH40.  
Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100

## 16 OTHER INFORMATION

**INFORMATION SOURCES:** Approved Supply List - HSC.  
Material Safety Data Sheet, Misc. manufacturers.

**REVISION COMMENTS:** Revised in accordance with CHIP 2002.  
New SDS system.

**REVISION DATE:** 01/04/03

**REVISION No. /REPLACES SDS ISSUED:** Issue 1

**SDS No.:** A065

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