



SAFETY DATA SHEET

BLEACH EXTRA STRONG

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: BLEACH EXTRA STRONG

PART No.: A068

IN-HOUSE No.: P.101B

APPLICATIONS: General Chlorine based Disinfectant Cleaner

SUPPLIER: Evans Vanodine International
Brierley Road
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2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
SODIUM HYPOCHLORITE	231-668-3	7681-52-9	5-10 %	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.

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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):

103 @ 760mmHg

MELTING POINT (°C):

-4

SPECIFIC GRAVITY (Water=1):

1.115 @ 20 °C

pH-VALUE, CONC:

12.5

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.

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14 TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



ROAD:

UN No: 1791
HAZARD CLASS (ADR): Class 8: Corrosive substances. ADR PACK GR: III
PROPER SHIPPING NAME I: HYPOCHLORITE SOLUTION

RAIL:

RAIL TRANSPORT CLASS No: Class 8: Corrosive substances. RID PACK GR: III

SEA:

UN SEA: 1791
SEA TRANSPORT CLASS No: Class 8: Corrosive substances. SEA PACK GR: III
MARINE POLLUTANT: No.

AIR:

UN AIR: 1791
AIR TRANSPORT CLASS No: Class 8: Corrosive substances. AIR PACK GR: III

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.

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations.
2002

APPROVED CODE OF PRACTICE: Control of Substances Hazardous to Health.
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.

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REVISION DATE: 01/04/03

REVISION No. /REPLACES SDS ISSUED:

Issue 1

SDS No.: A068

R-PHRASES (Full Text):

R-31

Contact with acids liberates toxic gas.

R-34

Causes burns.