



SAFETY DATA SHEET

CRUSADER COLOURSAFE BLEACH POWDER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: CRUSADER COLOURSAFE BLEACH POWDER

PART No.: C046

IN-HOUSE No.: P.117

APPLICATIONS: Powdered Bleaching agent for Laundry industry

SUPPLIER: Evans Vanodine International
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2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
SODIUM CARBONATE PEROXYHYDRATE		15630-89-4	30-100 %	O, Xn	22, 36, 38, 8
DISODIUM METASILICATE	229-912-9	6834-92-0	1-5 %	C	34, 37
TRISODIUM NITRILOTRIACETATE		18662-53-8	1-5 %	Xn	22, 41

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

3 HAZARDS IDENTIFICATION

Harmful if swallowed.
Irritating to eyes and skin.
Contact with combustible material may cause fire.

4 FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION: DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention immediately!

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: Oxidising - Supports combustion. Use: Water spray. Powder, foam or CO₂.

UNUSUAL FIRE & EXPLOSION HAZARDS: OXIDISING!

HAZARDOUS DECOMPOSITION PRODUCTS: If involved in fire, may emit noxious fumes. If involved in fire, may decompose yielding oxygen which will support combustion.

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PROTECTIVE MEASURES IN FIRE: Keep containers cool by spraying with water to reduce explosion risks. Protective clothing and respiratory protection should be worn when tackling fires involving this product.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS DURING SPILL:

Avoid contact with eyes. Do not breathe dust. 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. Avoid inhalation of dust. When making up a dilution ALWAYS add the powder to the water. (NEVER add the water to the powder.)

STORAGE PRECAUTIONS:

Oxidizing material - Keep away from flammable and combustible materials. Keep in cool, dry, ventilated storage and closed containers.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION:

Provide sufficient ventilation for operations causing dust formation.

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:

None required.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Granular. Powder.	COLOUR:	Off-white.
ODOUR/TASTE:	Odourless or no characteristic odour.		
SOLUBILITY DESCRIPTION:	Soluble in water.	BOILING POINT (°C):	N/A
MELTING POINT (°C):	N/A	SPECIFIC GRAVITY (Water=1):	N/A
pH-VALUE, CONC:	11.00	FLASH POINT (°C):	N/A

10 STABILITY AND REACTIVITY

STABILITY:

No particular stability concerns.

CONDITIONS TO AVOID:

Exposure to moisture.

MATERIALS TO AVOID:

Strong acids.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Refer to section 3.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:

Potentially hazardous due to the alkalinity of the product.

BIO ACCUMULATION:

Completely soluble. No bioaccumulation.

DEGRADABILITY:

No information available.

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: 1479
HAZARD CLASS (ADR): Division 5.1: Oxidizing substances. **ADR PACK GR:** II
PROPER SHIPPING NAME I: OXIDIZING SOLID N.O.S. (sodium carbonate peroxyhydrate)

RAIL:

RAIL TRANSPORT CLASS No: Division 5.1: Oxidizing substances. **RID PACK GR:** II

SEA:

UN SEA: 1479
SEA TRANSPORT CLASS No: Division 5.1: Oxidizing substances. **SEA PACK GR:** II
MARINE POLLUTANT: No.

AIR:

UN AIR: 1479
AIR TRANSPORT CLASS No: Division 5.1: Oxidizing substances. **AIR PACK GR:** II

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



OXIDIZING



HARMFUL

RISK PHRASES: R-22 Harmful if swallowed.
R-36/38 Irritating to eyes and skin.
R-8 Contact with combustible material may cause fire.

SAFETY PHRASES: S-17 Keep away from combustible material.
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.
S-8 Keep container dry.

UK ENVIRONMENTAL LISTINGS: Control of Pollution (Special Waste) Regulations 1980.
EC DIRECTIVES: System of specific information relating to Dangerous Preparations. 91/155.

STATUTORY INSTRUMENTS: As amended by Directive 93/112/EC and 2001/58/EC.
Chemicals (Hazard Information and Packaging) Regulations.
2002

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.

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REVISION COMMENTS: New Product to Janitorial range.
REVISION DATE: 01/04/03
REVISION No. /REPLACES SDS ISSUED: Issue 2 / Replaces Issue 1 dated 01/04/03
SDS No.: C046
R-PHRASES (Full Text):

R-8	Contact with combustible material may cause fire.
R-22	Harmful if swallowed.
R-34	Causes burns.
R-36	Irritating to eyes.
R-37	Irritating to respiratory system.
R-38	Irritating to skin.
R-41	Risk of serious damage to eyes.