



SAFETY DATA SHEET

CYCLONE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: CYCLONE

PART No.: A154

IN-HOUSE No.: P.100

APPLICATIONS: General thickened and perfumed 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.

CYCLONE

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:

Viscous. Liquid.

COLOUR:

Clear. Pale Yellow.

ODOUR/TASTE:

Characteristic Hypochlorite and Perfume.

SOLUBILITY DESCRIPTION:

Soluble in water.

BOILING POINT (°C):

104 @ 760mmHg

MELTING POINT (°C):

-4

SPECIFIC GRAVITY (Water=1):

1.079 @ 20 °C

pH-VALUE, CONC:

12.7

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.

CYCLONE

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.: A154

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