



MATERIAL SAFETY DATA SHEET

Date Issued: 20.11.2008
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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : BRIGHT-EX
Function : CHLORINE BLEACH POWDER
Product Code : B004
Contact Person : P. GUEST
Prepared by : P. GUEST
Emergency Number : 083 250 4475
Company Telephone No. : 043-7436802

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Range	Hazard
Sodium dichloroisocyanurate	15-30%	Oxidizing. Harmful if swallowed. Contact with acid liberates toxic gas. Irritating to eyes and respiratory system.

3. HAZARDS IDENTIFICATION : ***Xn – Harmful and oxidizing***

4. FIRST AID MEASURES

Eyes: Wash immediately with copious amounts of water and obtain medical attention.

Skin: Wash immediately with copious amounts of water and obtain medical attention.

Inhalation: REMOVE FROM SOURCE OF EXPOSURE AND OBTAIN MEDICAL ATTENTION WITHOUT DELAY.

Ingestion: Remove material from mouth. Drink 1 or 2 glasses of water (or milk) and obtain medical attention without delay.

All information is given in good faith but without guarantee in respect of accuracy & no responsibility is accepted for errors or omissions or the consequences thereof.

5. FIRE FIGHTING MEASURES

- Extinguishing Media** : OXIDISING – MAY ASSIST FIRE.
Exposure Hazards : In the event of a fire use water, water spray, carbon dioxide or dry powder extinguishers.

6. ACCIDENTAL RELEASE MEASURES

- Protection of Personnel** : Wear suitable gloves and eye/face protection.
Method of Disposal : Turn off all sources of ignition and ventilate the area.
Environmental Precautions : Hose away with plenty of water diluting to at least 0.5% w/v (5 g/litre) unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down a wastewater drain (foul sewer) or absorb onto dry sand or similar material and dispose of to a licensed waste management company.

7. HANDLING AND STORAGE

- Handling** : Do not breathe dust. Wear suitable protective clothing, gloves and eye/face protection. Do not mix with any other chemicals, other than as advised by your Johnson Diversey representative. Do not mix with acids.
Storage : Store in original containers in a cool, dry place. Oxidizing agent. May cause fire. Do not store on wooden floors or near combustible materials. Keep away from food, drink and animal feeding stuffs. Keep away from acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Eyes** : Protection is normally only required in the event of a spillage or during product disposal, in which event use suitable eye/face protection.
Hand : For prolonged contact, the use of rubber gloves resistant to detergents is recommended.
Skin : Wear normal work-wear overalls or coat
Respiration : Respiratory protection should normally be achieved through product containment, extract ventilation or other suitable engineering techniques.

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Page 3 of 4**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : White free flowing powder
% A.D. : Phosphates (% as P₂O₅): 14.0-20.0 %
Available Chlorine: 15-17
pH (as is) : 7-9

10. STABILITY AND REACTIVITY

Avoid extremes of temperature.
Materials to avoid: Contact with acids liberates toxic gas (chlorine).
Keep away from organic chemicals.

11. TOXICOLOGICAL INFORMATION

Eyes : Causes irritation.
Skin : Unlikely to be irritant in normal use.
Inhalation : Causes irritation and may cause bronchi spasm in chlorine sensitive individuals.
Ingestion : Harmful and causes irritation.

12. ECOLOGICAL INFORMATION

Contains substances which can affect the aquatic environment. Do not overdose or allow to contaminate ground water, ponds, ditches, waterways, or other surface waters.

13. DISPOSAL CONSIDERATIONS

Method of Disposal: For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 0.5% w/v (5 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste management company.

14. TRANSPORT INFORMATION

Local Regulation: Corrosive

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15. REGULATORY INFORMATION

Hazard Symbol:	Xn; Harmful
Risk Phrases :	R8 : Contact with combustible material may cause fire.
R22	: Harmful if swallowed.
R31	: Contact with acids liberates toxic gas.
R36	: Irritating to eyes.
R37	: Irritating to respiratory system.
Safety Phrases: S3	: Keep in a cool place.
S7	: Keep container tightly closed.
S14	: Keep away from acids.
S26	: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	: Wear suitable protective clothing, gloves and eye/face protection.
S45	: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION

Handle and apply only as recommended.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

Date compiled : 10/07/2002

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