

REVISION DATE: 10th March 2008

Brichlor Super Six

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of dust. Avoid contact with skin and eyes. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Flush area with plenty of water. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Provide good ventilation.

STORAGE PRECAUTIONS

Keep containers tightly closed. Keep in original container. Keep away from heat, sparks and open flame.

STORAGE CLASS

Oxidiser storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Neoprene gloves are recommended.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear rubber apron. Wear rubber footwear.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder, dust Pellets Granular		
COLOUR	White		
ODOUR	Chlorine.		
SOLUBILITY	Soluble in water.		
RELATIVE DENSITY	1	pH-VALUE, DILUTED SOLUTION	3.1
SOLUBILITY VALUE (g/100g H ₂ O@20°C)	1.2		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.

MATERIALS TO AVOID

Strong reducing agents. Strong oxidising substances.

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HAZARDOUS DECOMPOSITION PRODUCTS

Chlorine. Cyanides. Oxides of: Carbon. Nitrogen.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 490 mg/kg (oral rat)

TOXIC CONC. - LC 50 0.68 mg/l/4h (inh-rat)

INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

INGESTION

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract. Harmful if swallowed. Diarrhoea.

SKIN CONTACT

Prolonged or repeated exposure may cause severe irritation. Causes burns.

EYE CONTACT

May cause severe irritation to eyes. Causes burns. May cause blurred vision and serious eye damage.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

LC 50, 96 Hrs, FISH mg/l 0.32

MOBILITY

The product is soluble in water.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

UK ROAD CLASS	5.1		
PROPER SHIPPING NAME	TRICHLOROISOCYANURIC ACID, DRY		
UN NO. ROAD	2468	UK ROAD PACK GR.	II
ADR CLASS NO.	5.1	ADR CLASS	Class 5.1: Oxidising substances.
ADR PACK GROUP	II	HAZARD No. (ADR)	50
ADR LABEL NO.	5.1	HAZCHEM CODE	1W
CEPIC TEC(R) NO.	51GO2-I+II+III	RID CLASS NO.	5.1
RID PACK GROUP	II	UN NO. SEA	2468
IMDG CLASS	5.1	IMDG PACK GR.	II
EMS	F-G, S-Q	MARINE POLLUTANT	No.
UN NO. AIR	2468	AIR CLASS	5.1
AIR PACK GR.	II		

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Brichlor Super Six**15 REGULATORY INFORMATION**

LABELLING



Harmful



Oxidising



Dangerous for the environment

CONTAINS

TRICHLOROISOCYANURIC ACID

RISK PHRASES

R8	Contact with combustible material may cause fire.
R22	Harmful if swallowed.
R31	Contact with acids liberates toxic gas.
R36/37	Irritating to eyes and respiratory system.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S2	Keep out of the reach of children
S7/8	Keep container tightly closed and dry.
S13	Keep away from food, drink and animal feeding stuffs.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39	Wear suitable gloves and eye/face protection.
S41	In case of fire and/or explosion do not breathe fumes.
S46	If swallowed, seek medical advice immediately and show this container or label.
S49	Keep only in the original container.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

CHIP for everyone HSG(108).

16 OTHER INFORMATION

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REV. NO./REPL. SDS GENERATED 07

SDS NO. 017

SAFETY DATA SHEET STATUS

Approved.

DATE 10th March 2008

SIGNATURE Jitendra Panchal

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RISK PHRASES IN FULL

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