

SAFETY DATA SHEET

BC1/CC1

Page 1

Issued: 01/11/00

Revision No: 1

Danum Laboratory Services

2 Duncroft Grove

Rossington

Doncaster DN11 0UL

Tel: 01302 864668

Fax: 01302 860880

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: BC1/CC1

Product code: RD1301

Synonyms: A1

Use / description of product: Liquid. Toxic. Please note the small quantity - and refer to additional information on the last page of this MSDS

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: POTASSIUM CHROMATE <10%

CAS: 7789-00-6

EINECS: 232-140-5

[T] R49; [T] R46; [Xi] R36/37/38; [Sens.] R43; [N] R50/53;

3. HAZARDS IDENTIFICATION

Main hazards: May cause sensitisation by skin contact. May cause cancer by inhalation. May cause heritable genetic damage.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be redness or whiteness of the skin in the area of exposure.

Eye contact: There may be pain and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. Irrigate thoroughly for at least 10 minutes. If discomfort persists OBTAIN MEDICAL ATTENTION.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Do not use carbon dioxide.

Exposure hazards: In combustion emits toxic fumes.

[cont...]

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Transfer to a suitable container. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Yellow

Odour: Odourless

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

pH: 7

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Direct sunlight. Heat.

Materials to avoid: Reducing agents.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Routes of exposure May cause sensitisation by skin contact. May cause cancer by inhalation.

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: Bioaccumulation potential.

Other adverse effects: Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Transfer to waste solvent drum for collection by specialist disposal company.

Disposal of packaging Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: 3287
ADR Class: 6.1
Hazard ID no: 60
Labelling: 6.1
Shipping name: TOXIC LIQUID, INORGANIC, N.O.S.

IMDG / IMO

UN no: 3287
Class: 6.1
Packing group: III
EmS: 6.1-02
Marine pollutant: YES
Labelling: 6.1

IATA / ICAO

UN no: 3287
Class: 6.1
Packing group: III
Packing instructions: 618
Quantity: 220 L
Labelling: 6.1

15. REGULATORY INFORMATION

Hazard symbols: Toxic.



Risk phrases: R43: May cause sensitisation by skin contact.

R49: May cause cancer by inhalation.

R46: May cause heritable genetic damage.

Safety phrases: S2: Keep out of the reach of children.

S24: Avoid contact with skin.

S36/37: Wear suitable protective clothing and gloves.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Additional information: The information contained within this MSDS is based on bulk quantities. The user

SAFETY DATA SHEET

BC1/CC1

should bear in mind the reduced hazard associated with the small quantities normally associated with test kit reagents, and adjust their responses accordingly.

Risk phrases used in s.2: R49: May cause cancer by inhalation.

R46: May cause heritable genetic damage.

R36/37/38: Irritating to eyes, respiratory system and skin.

R43: May cause sensitisation by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.