



PROMETIC BIOSCIENCES LIMITED
MATERIAL SAFETY DATA SHEET

IDENTITY As used on label and list:

C3 (POL)- Buffer

Product Code(s):

ND- This is a Research Sample

NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available the space must indicate the fact.

(ND = Not/ None determined NA = Not applicable)

SECTION 1

Manufacturers name:

ProMetic BioSciences Limited

Address:

Freeport Ballasalla
Isle of Man
IM9 2AP
British Isles

Telephone number:

+44 (0)1624 823519
(same number to be used in emergencies)

Fax number:

+44 (0)1624 824597

Date Prepared:

12 August 2003

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (specific chemical identity/ Common name):

LIQUIDS: Aqueous Solution containing Organic salts and Ethanol

100%

Ethanol 24%, Sodium acetate 5% Water 71%

SECTION 3 - HAZARD INFORMATION

Irritant

Irritating to eyes.

May be harmful if absorbed through the skin

May be harmful if swallowed

SECTION 4 - FIRST AID MEASURES

Skin contact: immediately wash skin with soap and copious amounts of water.

Eye contact: immediately flush eyes with copious amounts of water for at least 15 minutes.

Ingestion: wash out mouth with water provided person is conscious. Call a physician.

Seek medical advice.

SECTION 5- FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special firefighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosions hazards: May emit toxic fumes under fire conditions



PROMETIC BIOSCIENCES LIMITED
MATERIAL SAFETY DATA SHEET

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Wear chemical safety goggles, rubber boots and heavy rubber gloves.
Adsorb onto adsorbent paper; in case of large volumes, use sand or other inert material.
Place in a bag and hold for waste disposal.
Ventilate area and wash spill site after material pickup is complete.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in the event of spillage or chemical release :

Wear suitable protective clothing.

Waste disposal method :

Dispose of in accordance with national and local regulations for inert non-hazardous waste material

Precautions to be taken in Handling and Storage : Store in a cool, dry place (2-20°C) in original sealed containers. . Avoid contact with strong oxidants and strong acids.

Other Precautions :

N.D.

SECTION 8- EXPOSURE CONTROLS - PERSONAL PROTECTION

Routes of entry: **Inhalation ?** Irritant on inhalation. **Skin ?** Irritant Obtain treatment for irritation.
Ingestion ? Harmful . Consult physician. **Eye contact?** Immediately flush with water for at least 15 min seek medical advice

Emergency and First Aid Procedures : Rinse contacted skin and eyes with water.

Remove from exposure

If ingested induce vomiting

If irritation or discomfort exists obtain medical attention.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance: colourless liquid

pH: 8.5



PROMETIC BIOSCIENCES LIMITED
MATERIAL SAFETY DATA SHEET

SECTION 10 - REACTIVITY DATA

Stability: STABLE at normal temperatures and storage conditions
Conditions to avoid : Contact with strong oxidants, Fluorine and potassium Nitrate.

Incompatibility : (materials to avoid) Strong bases. Fluorine and potassium Nitrate.

Hazardous Decomposition or Byproducts : May form explosive substances if in contact with Fluorine and potassium Nitrate.

SECTION 11- TOXICOLOGICAL INFORMATION

The toxicological properties of the preparation have not been fully investigated.

The toxicological information for the components, is:

Acute effects

Causes eye irritation.

Causes skin irritation.

Material is irritating to mucous membranes and upper respiratory tract.

May be harmful by inhalation, ingestion or if absorbed through the skin.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12- ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13- DISPOSAL CONSIDERATIONS

Mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 14- TRANSPORT INFORMATION

Non-hazardous for road, sea and air freight.

SECTION 15 - Regulatory Information

Irritant

R 36, Irritating to eyes.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36 Wear suitable protective clothing.

Regulations:

The Chemicals (Hazard Information and Packaging for Supply) regulations 2002.

1999/45/EC Dangerous Preparations Directive.

91/155/EC Safety Data Sheets Directive.



PROMETIC BIOSCIENCES LIMITED
MATERIAL SAFETY DATA SHEET

SECTION 16 -OTHER INFORMATION

Source of key data used to compile Safety data Sheet: Component Supplier Safety Data Sheet.

Date revised: 31.3.2004

End of document