

BIO BASIC INC.

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MATERIAL SAFETY DATA SHEET

REQUIRED UNDER SAFETY AND HEALTH REGULATION FOR SHIP REPAIRING

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SECTION 1. ----- CHEMICAL IDENTIFICATION -----

Product name : Ethylenediaminetetraacetic acid calcium disodium salt
Product Number : EK014P2

SECTION 2. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

Formula : C₁₀H₁₂N₂O₈CaNa₂
Molecular Weight : 374.27 g/mol
CAS-No. EC-No. Index-No. Concentration
ETHYLENEDIAMINETETRAACETIC ACID CALCIUM DISODIUM SALT
62-33-9 200-529-9 - -

SECTION 3. ----- HAZARDS IDENTIFICATION ----- -WHMIS Classification

Not WHMIS controlled. Not WHMIS controlled.
HMIS Classification
Health Hazard: 2
Flammability: 0
Physical hazards: 0
Potential Health Effects
Inhalation May be harmful if inhaled. Causes respiratory tract irritation.
Skin May be harmful if absorbed through skin. Causes skin irritation.
Eyes Causes eye irritation.
Ingestion May be harmful if swallowed.

SECTION 4. ----- FIRST-AID MEASURES -----

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled
If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.
In case of skin contact
Wash off with soap and plenty of water. Consult a physician.
In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

SECTION 5. ----- FIRE FIGHTING MEASURES -----

Flammable properties
Flash point no data available
Ignition temperature no data available
Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6. ----- ACCIDENTAL RELEASE MEASURES-----

Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

SECTION 7. ----- HANDLING AND STORAGE-----

Handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage

Keep container tightly closed in a dry and well-ventilated place.

SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves.

Eye protection

Safety glasses with side-shields conforming to EN166

Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----

Appearance

Form solid

Safety data

pH no data available

Melting point no data available

Boiling point no data available

Flash point no data available

Ignition temperature no data available

Lower explosion limit no data available

Upper explosion limit no data available

Water solubility no data available

SECTION 10. ----- STABILITY AND REACTIVITY -----

Storage stability

Stable under recommended storage conditions.

Hazardous decomposition products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Sodium oxides, Calcium oxide

SECTION 11. ----- TOXICOLOGICAL INFORMATION -----

Acute toxicity
LD50 Oral - rat - 10,000 mg/kg
Irritation and corrosion
no data available
Sensitisation
no data available
Chronic exposure
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Potential Health Effects
Inhalation May be harmful if inhaled. Causes respiratory tract irritation.
Skin May be harmful if absorbed through skin. Causes skin irritation.
Eyes Causes eye irritation.
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SECTION 12. ----- ECOLOGICAL INFORMATION -----

Elimination information (persistence and degradability)
no data available
Ecotoxicity effects
no data available
Further information on ecology
no data available

SECTION 13. ----- DISPOSAL CONSIDERATIONS -----

Product
Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging
Dispose of as unused product.

SECTION 14. ----- TRANSPORT INFORMATION -----

DOT (US)
Not dangerous goods
IMDG
Not dangerous goods
IATA
Not dangerous goods

SECTION 15. ----- REGULATORY INFORMATION -----

DSL Status
All components of this product are on the Canadian DSL list.
WHMIS Classification
Not WHMIS controlled. Not WHMIS controlled.

SECTION 16. ----- OTHER INFORMATION -----

Further information
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. BBI shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale