

later disposal. Use clean, non-sparking tools to collect absorbed material. For large spills, confine liquid spill for later disposal. Prevent contamination of waterways, sewers, basements, or confined areas.

Environmental Precautions: Do not let product enter drains.

7. HANDLING AND STORAGE

Handling Procedures: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Normal measures for preventive fire protection.

Storage Procedures: Keep container tightly sealed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limit values.

Engineering Controls: Use local exhaust ventilation.

Personal Protective Equipment: Wear chemical goggles and face shield if splashing is possible. Wear suitable protective clothing. Use impervious gloves. If vapors are present or irritation is experienced, NIOSH-approved respiratory protection for ammoniacal vapors should be worn. Eye wash fountain and emergency showers are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	Wax like, Sheet
Color	White

Safety Data

pH	No data available
Melting point	173-179°C (343-354°F)
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

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Incompatibility:	Strong oxidizing agents.
Hazardous Decomposition:	Hazardous decomposition products formed under fire conditions. May yield carbon monoxide, carbon dioxide, sulfur oxides, sodium oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

LD50 Oral-rat-1,900mg/kg
LD50 Oral-rat- 4,200 mg/kg
LC50 Inhalation -rat > 2,000 mg/m³
LD50 Dermal- rabbit > 10,000 mg/kg

Skin corrosion/irritation

Skin- rabbit Skin irritation 24 h

Skin- rabbit Skin irritation 24 h

Serious eye damage/eye irritation

Eyes- rabbit -Severe eye irritation

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

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.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

Reproductive toxicity- rat -Oral

Effects on Newborn: Other postnatal measures or effects.

Specific target organ toxicity -single exposure (Globally Harmonized System)

No data available

Specific target organ toxicity -repeated exposure (Globally Harmonized System)

No data available

Aspiration hazard

No data available

Potential health effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion Harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation.

Signs and Symptoms of Exposure

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

12. ECOLOGICAL INFORMATION**Toxicity**

Toxicity to fish LC50 -Oncorhynchus mykiss (rainbow trout) -28 mg/l -96 h

Persistence and degradability**Bioaccumulative potential**

Bioaccumulation Oncorhynchus mykiss (rainbow trout) -72 h

Bioconcentration factor (BCF): 3.78

Mobility in soil

No data available

PBT and vPvB assessment

No data available

Other adverse effects

No data available

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.

14. TRANSPORT INFORMATION

DOT (US) Not dangerous goods

IMDG Not dangerous goods

IATA Not dangerous goods

15. REGULATORY INFORMATION

OSHA Hazards

Target Organ Effect, Harmful by ingestion. Irritant

DSL Status

All components of this product are on the Canadian DSL list.

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold.

SARA 313 Components

(De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Docusate sodium CAS-No. 577-11-7

New Jersey Right To Know Components

Docusate sodium CAS-No. 577-11-7

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER 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. QED Bioscience Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.