

Safety Data Sheet

Revision: 02/21/2014

Hazard information is provided for compliance with both the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME:
n-DODECYL- β -D-MALTOPYRANOSIDE, ANAGRADE

PRODUCT CODE:
D310

SUPPLIER:

Anatrace Products, LLC., 434 West Dussel Drive, Maumee, OH 43537 Phone: (419) 740-6600
Please visit our website at www.anatrace.com for contact information on Anatrace product distributors within your area.

Emergency Contact:

Chemtrec (800) 424-9300
Outside USA & Canada (703) 527- 3887
Chemtrec ID# 696910

HAZARDS IDENTIFICATION

GHS

This substance is not classified as dangerous according to directive EC/1272/2008.

CHIP

This substance is not classified as dangerous according to directive 67/548/EEC.

LABEL ELEMENTS

Hazard statements

H303: May be harmful if swallowed
H313: May be harmful in contact with skin
H333: May be harmful if inhaled

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

R & S phrases

S:24 Avoid contact with skin.
S:36/37 Wear suitable protective clothing and gloves

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARD

n-Dodecyl- β -D-maltopyranoside

CAS NO.

69227-93-6

EC NO:

N/A

%WT

\geq 99%

SYNONYMS

n-Dodecyl- β -D-maltoside / Lauryl maltoside / Dodecyl 4-O- α -D-glucopyranosyl- β -D-glucopyranoside

FIRST-AID MEASURES

EYES: Flush with water for 15 minutes. Seek medical advice if irritation persists.
SKIN: Flush with water, then wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation persists.
INHALATION: Remove the victim from exposure and move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Seek immediate medical attention.
INGESTION: Drink water and seek immediate medical attention. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

FIRE-FIGHTING INFORMATION

Use media suitable to extinguish the supporting or surrounding fire. Wear NIOSH (or equivalent) approved self contained breathing apparatus. For small fires only: use carbon dioxide, dry powder or foam. Emits toxic fumes under fire conditions. NFPA Rating: H=0 F=0 R=0.
Flash Point = No data available.

ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment and clothing including lab coat, safety glasses, gloves and NIOSH-approved respirator. Collect in a manner that does not create dust and place in a suitable waste container. Avoid contact of material with skin or eyes. Use adequate ventilation.

HANDLING AND STORAGE

Wear appropriate personal protective equipment and clothing including lab coat, safety glasses, gloves and NIOSH-approved respirator. Avoid contact of material with skin or eyes. Use adequate ventilation. Store at -20°C.

PERSONAL PROTECTION

Wear appropriate personal protective equipment and clothing including lab coat, safety glasses, gloves and NIOSH-approved respirator. A qualified industrial hygienist should evaluate the need for respiratory protection. Use respiratory protection approved by NIOSH (or equivalent) and appropriate to the hazard. Avoid contact of material with skin or eyes. Mechanical ventilation or local exhaust as needed to control exposure to dust, vapors or mists. Access to a safety shower and eye-wash. HMIS Ratings: H=0 F=0 R=0.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White crystalline powder
Vapor Pressure: No data available
Solubility (Water): Soluble
Percent Volatile: No data available
Chemical Formula: C₂₄H₄₆O₁₁

Boiling Point: No data available
Vapor Density: No data available
Specific Gravity: No data available
Evaporation Rate: No data available
Melting Point: No data available

STABILITY AND REACTIVITY

Product is stable. Hazardous decomposition products include carbon oxides. Hazardous polymerization will not occur.

TOXICOLOGICAL INFORMATION

EFFECTS OF OVEREXPOSURE: To the best of our knowledge the chemical, physical and toxicological properties for this material have not been thoroughly investigated.

EYES: No known toxicity, but contact may cause irritation and slight corneal injury.

SKIN: May cause flushing and possibly irritation and/or allergic reaction.

INHALATION: No known toxicity, but excessive dust may cause irritation if inhaled. Dust may stimulate nasal mucosa.

INGESTION: Chronic ingestion or excessive dosage may cause nausea, vomiting, urine discoloration, ataxia and peripheral sensory neuropathy.

ADDITIONAL INFORMATION:

RTECS: No data available.

Definition(s): RTECS = Registry of Toxic Effects of Chemical Substances.

ECOLOGICAL INFORMATION

No applicable information.

DISPOSAL CONSIDERATIONS

Dispose of material in accordance with applicable local, state, and federal regulations.

TRANSPORTATION INFORMATION

US DOT / IATA: No applicable information.

REGULATORY INFORMATION

RCRA - No applicable information.

SARA 302 - This material does not have an RQ or TPQ.

SARA 313 - This material is not reportable under 313.

EPA TSCA Section 8(b) - No applicable information.

Exposure Limits - Not established.

California Proposition 65 - No applicable information.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.

Safety Data Sheet

Revision: 04/16/2014

Hazard information is provided for compliance with both the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME:
CHOLESTERYL HEMISUCCINATE,
TRIS SALT

PRODUCT CODE:
CH210

SUPPLIER:

Anatrace Products, LLC. 434 West Dussel Drive, Maumee, OH 43537 Phone: (419) 740-6600

Please visit our website at for contact information on Anatrace product distributors within your area.

Emergency Contact:

Chemtrec (800) 424-9300
Outside USA & Canada (703) 527- 3887
Chemtrec ID# 696910

HAZARDS IDENTIFICATION

GHS

Not a dangerous substance or mixture

LABEL ELEMENTS

Hazard statements
NA

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. .

CHIP

Not a dangerous substance or mixture

R & S phrases

S:22 Do not breathe dust.
S:24 Avoid contact with skin.
S:36/37 Wear suitable protective clothing and gloves

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARD

CHOLESTERYL HEMISUCCINATE,
TRIS SALT

CAS NO.

102601-49-0

EC NO:

NA

%WT

~100%

SYNONYMS

5-Cholesten-3 β -ol-3-hemisuccinate

FIRST-AID MEASURES

Skin:

Remove contaminated clothing. Wash the affected area with plenty of soap and water. If irritation develops, consult a physician.

Eyes:

Immediately flush eyes with plenty of water for 15 minutes. Call a physician. Ingestion: See a physician. (Never give anything by mouth to an unconscious person). Inhalation: Remove to fresh air. If cough develops, see a physician.

FIRE-FIGHTING INFORMATION

Extinguishing media:

Foam, carbon dioxide, or dry chemical powder.

Special firefighting procedures:

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

Unusual fire and explosions hazards:

Emits toxic fumes under fire conditions.

ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Vacuum or sweep into closed container for disposal. Use care to avoid dust generation. Wear a NIOSH respirator approved for nuisance dust if conditions exist where dust is possible. Wash area with soap and water.

HANDLING AND STORAGE

See "Personal Protection" section.

PERSONAL PROTECTION

Avoid breathing dust.

Open, handle and use under well ventilated conditions. Wash thoroughly after handling. Store in cool, dry place in well closed light resistant containers.

Ventilation:

Handle in the presence of adequate mechanical ventilation.

Respiratory protection (specify type):

Wear NIOSH respirator approved for nuisance dust.

Eye protection:

Wear monogoggles suitable for keeping dust out of the eyes.

Other protective equipment:

Eye wash station and safety shower in work area.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid
Vapor Pressure: No data available
Solubility (Water): No data available
Percent Volatile: No data available
Chemical Formula: C₂₇H₄₆O

Boiling Point: No data available
Vapor Density: No data available
Specific Gravity: No data available
Evaporation Rate: No data available
Melting Point: No data available

STABILITY AND REACTIVITY

Stability:

Stable

Incompatibility (materials to avoid):

Excess exposure to heat, light and air.

Hazardous polymerization:

Will not occur.

Decomposition of organic materials may produce oxides of carbon.

TOXOLOGICAL INFORMATION

Acute effects:

May be harmful by inhalation, ingestion, or skin absorption. May cause irritation.

The toxicological properties have not been thoroughly investigated.

ECOLOGICAL INFORMATION

No data available

DISPOSAL CONSIDERATIONS

Dissolve or 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.

TRANSPORTATION INFORMATION

Observe all Local, State, and Federal laws.

REGULATORY INFORMATION

Observe all Local, State, and Federal laws.

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