

MATERIAL SAFETY DATA SHEET

SECTION I

ANATRACE, INC.
434 WEST DUSSEL DRIVE
MAUMEE, OHIO 43537
TELEPHONE (419) 891-3030
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Chemical Emergency (24 hr):
- Within U.S. & Canada (800-424-9300)
- International (703-527-3887)

Effective Date: 10/09/1995 Revised: 07/15/2004

SECTION II - IDENTITY/HAZARDS

**NAME: n-NONYL- β -D-THIOMALTOPYRANOSIDE,
ANAGRADE⁷ (n-Nonyl- β -d-thiomaltoside)**

CATALOG # N350

No toxicity data available

SECTION III - PHYSICAL CHEMICAL CHARACTERISTIC

White crystalline powder Water Soluble

SECTION IV - FIRE AND EXPLOSION HAZARD

Extinguishing media

Water spray.

Carbon dioxide, dry chemical powder, alcohol or polymer foam.

Special firefighting procedures

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

Unusual fire and explosion hazards: Emits toxic fumes under fire conditions

SECTION V - REACTIVITY DATA

Incompatibilities: Strong oxidizing agents

Hazardous combustion or decomposition production

Toxic fumes of: Carbon monoxide, carbon dioxide sulfur oxides

SECTION VI - HEALTH HAZARD

Acute effects:

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

Causes eye and skin irritation.

Material is irritating to mucous membranes and upper respiratory tract.

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

First aid:

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a Physician.

If inhaled, remove to fresh air. If breathing becomes difficult. Call a physician.

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes.

Assure adequate flushing by separating the eyelids with fingers. Call a Physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing.

Safety shower and eye bath.

Mechanical exhaust required.

Irritating to eyes, respiratory system and skin.

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

Wear suitable protective clothing.

Keep container closed. Use with adequate ventilation.

Store in a cool dry place.

SECTION VIII - CONTROL MEASURES

Steps to be taken if material is released or spilled

Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.

Sweep up, place in a bag and hold for waste disposal.

Avoid raising dust.

Ventilate area and wash spill site after material pickup is complete.

Waste disposal method

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 laws.

SECTION IX - COMMENTS

The absence of hazard, toxicity or other information does not imply or guarantee that a product is safe. Handle all chemicals with due and appropriate caution and under competent supervision. Minimize exposure and contact. Use good manufacturing or laboratory practices.

This bulletin is for your guidance and is based upon information and tests believed to be reliable. Anatrace makes no guarantee of the accuracy or completeness of the data and shall not be liable for any damages thereto. The data are offered solely for your consideration, investigation, and verification. These suggestions should not be confused with either state, municipal, or insurance requirements, or with national safety codes and constitute no warranty. Any use of these data and information must be determined by the user to be in accordance with applicable Federal State and local regulations.