

# MATERIAL SAFETY DATA SHEET

## SECTION I

ANATRACE, INC.  
434 WEST DUSSEL DRIVE  
MAUMEE, OHIO 43537  
TEL: 419-891-3030  
FAX: 419-891-3037

Chemical Emergency (24-hr):

- Within U.S. & Canada (800-424-9300)
- International (703-527-3887)

Effective Date: 05/30/2002

Revised: 07/15/2004

## SECTION II – IDENTITY

**NAME:** n-UNDECYL- $\beta$ -D-MALTOPYRANOSIDE, ANAGRADE®  
(n-Undecyl- $\beta$ -D-maltoside)

**CATALOG #:** U300LA

No toxicity data available.

## SECTION III – HEALTH HAZARDS

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.

## SECTION IV – PHYSICAL AND CHEMICAL PROPERTIES

- White crystalline powder
- Water soluble

## SECTION V – FIRST-AID MEASURES

- In case of contact, immediately flush eyes or skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes.
  - If inhaled, remove to fresh air. If breathing is difficult, give oxygen.
  - If swallowed, wash out mouth with water, provided person is conscious.
- Call a Physician.  
Wash contaminated clothing before reuse.

## SECTION VI – FIREFIGHTING MEASURES

- 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.

## SECTION VII – REACTIVITY DATA

Will not spontaneously polymerize.

## SECTION VIII – PRECAUTIONS FOR SAFE HANDLING AND USE

- Wear appropriate NIOSH/MSHA-approved respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
- 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 IX – EXPOSURE CONTROLS / PERSONAL PROTECTION

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 after burner and scrubber.
  - Observe all Federal, State, and local laws.

## SECTION X – OTHER INFORMATION

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.

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