

# MATERIAL SAFETY DATA SHEET

## SECTION I

ANATRACE, INC.  
434 WEST DUSSEL DRIVE  
MAUMEE, OHIO 43537  
TELEPHONE (419) 891-3030  
FAX (419) 891-3037

Chemical Emergency (24 hr):  
- Within U.S. & Canada (800-424-9300)  
- International (703-527-3887)  
Effective Date: 04/22/2002 Revised: 07/15/2004

## SECTION II - IDENTITY

**NAME: CYGENT™ 1-3, ANAGRADE<sup>7</sup>**

**CYGENT™ is approximately a 1:1 mixture of: [N,N-Dimethyl-3(4-methyl-1-carboxy-2-cyclohexylamido) propylamine, N,N-Dimethyl-3(4-methyl-2-carboxy-1-cyclohexylamido) propylamine]**

## **CATALOG # C702**

MF: C<sub>14</sub>H<sub>25</sub>N<sub>2</sub>O<sub>3</sub>

## SECTION III - HAZARDS IDENTIFICATION

Material may cause irritation to the eyes, skin, mucous membranes, and the upper respiratory tract.

## SECTION IV - 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 not breathing give artificial respiration. 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 V - FIRE FIGHTING MEASURES

Extinguishing Media: Water spray, Carbon dioxide, dry chemical powder or appropriate foam.

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.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, 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.

## SECTION VII - HANDLING AND STORAGE

Refer to Section VIII.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant gloves, safety goggles, other protective clothing. Safety shower and eye bath.

Use only in a chemical fume hood.

Wash thoroughly after handling.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Solid

Solubility: Water

## SECTION X - STABILITY AND REACTIVITY

Stability: Stable under normal handling procedures.

Incompatibilities and Conditions to Avoid: N/A

Hazardous Combustion or Decomposition Products: Upon thermal decomposition, may emit toxic gases including carbon monoxide, carbon dioxide and nitrogen oxides.

## SECTION XI - TOXICOLOGICAL INFORMATION

Note: To the best of our knowledge properties of this detergent have not been thoroughly investigated. Due to the nature of this compound, it is considered a potential health hazard.

RTECS Number: No RTECS number has been assigned to this product.

## SECTION XII - ECOLOGICAL INFORMATION

Data not yet available.

## SECTION XIII - DISPOSAL CONSIDERATIONS

Country, federal, state, and local regulations are varied and change frequently. For this reason, we recommend that you contact your local Department of Health Services for information on the disposal of this product or arrange for disposal by a licensed disposal company.

## SECTION XIV - OTHER INFORMATION

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.