

MATERIAL SAFETY DATA SHEET

SECTION I

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

Effective Date: 02/09/1998 Revised: 07/15/2004

SECTION II - IDENTITY

NAME: FOS-CHOLINE⁷-16, ANAGRADE⁷
(n-Hexadecylphosphocholine)

CATALOG # F316

MF: C₂₁H₄₆NO₄P

SECTION III - HAZARDS IDENTIFICATION

Label Precautionary Statements

Toxic (USA Definition)

Harmful (European Definition)

Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.

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

Wear suitable protective clothing.

Do not breathe dust.

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-suspension; Chloroform: soluble; Methylene chloride: soluble

SECTION X - STABILITY AND REACTIVITY

Stability: Stable.

Incompatibilities: Strong oxidizing agents

Hazardous combustion or decomposition products

Toxic fumes of:

Carbon monoxides, carbon dioxide

Nitrogen oxides

Phosphorous oxides

Hazardous polymerization: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

Acute effects

Harmful if swallowed, inhaled, or absorbed through skin.

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.

RTECS No: KH2890000

Ethanaminium

2-(((hexadecyloxy)hydroxyphosphinyl)oxy)-N,N,N-trimethyl-, hydroxide, 1

Toxicity Data: ORL-RAT LD50:245 MG/KG

Target organ date

Behavioral (somnolence)

Gastrointestinal (changes in structure or function of salivary glands) nutritional and gross metabolic (weight loss or decreased weight gain) Only selected registry of toxic effects of chemical substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

SECTION XII - ECOLOGICAL INFORMATION

Data not yet available.

SECTION XIII - 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.

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.