

MATERIAL SAFETY DATA SHEET

SECTION I

ANATRACE, INC.
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SECTION II - IDENTITY

NAME: DIFOSJ -12, ANAGRADE⁷
(Dodecyl-1,2-diphosphocholine)

CATALOG # D412

MF: C₂₂H₅₀ N₂O₈P₂

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.

Chemical Emergency (24 hr):

- Within U.S. & Canada (800-424-9300)

- International (703-527-3887)

Effective Date: 01/25/2002 Revised: 07/15/2004

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.

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

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