

Safety Data Sheet

Revision: 02/09/2014

Hazard information is provided for compliance with both the Globally Harmonized System of Classification and Labeling of Chemicals (GHS) and the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT NAME:
Cyclofos-5, Anagrade

PRODUCT CODE:
C514

SUPPLIER:

Anatrace Products, LLC. 434 West Dussel Drive, Maumee, OH 43537 Phone: (419) 740-6600
Please visit our website at for contact information on Anatrace product distributors within your area.

Emergency Contact:

Chemtrec (800) 424-9300
Outside USA & Canada (703) 527- 3887
Chemtrec ID# 696910

HAZARDS IDENTIFICATION

GHS

Harmful

LABEL ELEMENTS

Hazard statements

H302 + H312 + H332 Harmful if swallowed, in contact with skin, or inhaled
H315 + H320 + H335 Irritating to eyes, respiratory system, and skin.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P501 Dispose of contents/containers to an approved disposal plant.

CHIP

Harmful

R & S phrases

R:36/37/38 Irritating to eyes, respiratory system and skin.
S:22 Do not breathe dust.
S:24 Avoid contact with skin.
S:36/37 Wear suitable protective clothing and gloves

COMPOSITION/INFORMATION ON INGREDIENTS

HAZARD

Cyclofos-5, Anagrade

CAS NO.

657393-64-1

EC NO:

NA

%WT

~100%

SYNONYMS

5-Cyclohexyl-1-Pentylphosphocholine

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.

FIRE-FIGHTING INFORMATION

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.

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.

HANDLING AND STORAGE

Refer to "Personal Protection" section.

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.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid
Vapor Pressure: No data available
Solubility (Water): Suspension (Chloroform): Soluble (Methylene Chloride): Soluble
Specific Gravity: No data available
Evaporation Rate: No data available
Melting Point: No data available
Boiling Point: No data available
Vapor Density: No data available
Percent Volatile: No data available
Chemical Formula: C₁₆H₃₄NO₄P

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.

TOXOLOGICAL 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.

ECOLOGICAL INFORMATION

Data not yet available.

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.

TRANSPORTATION INFORMATION

Observe all federal, state, and local laws.

REGULATORY INFORMATION

Observe all federal, state, and local laws.

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