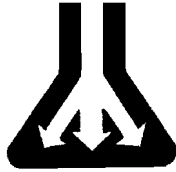


Material Safety Data Sheet



SELECTO SCIENTIFIC

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Section I. Identification of Substance

Trade Name / Synonyms: Siliphos II
(Max. Use in Water: 12 mg/L)
Supplier: Selecto Scientific, Inc.
Emergency Information: 1-800-635-4017

Section II. Composition/Data on Components

Chemical Characterization: Siliphos II
Chemical Name: Sodium Calcium Magnesium Polyphosphate (Glassy)
CAS# 94551-68-5; EINECS No. 3054169

Section III. Hazards Identification

Hazard designation: void
Information pertaining to particular dangers for man and environment: void
Classification System:
The classification is in line with current EC lists.

Section IV. First Aid Measures

General Information: no special measures required
After inhalation: supply fresh air
After skin contact: rinse with warm water, product is not skin irritating
After eye contact: rinse opened eye for several minutes under running water
After swallowing: rinse out mouth and then drink plenty of water. In case of persistent symptoms consult doctor.

Section V. Fire Fighting Measures

Suitable extinguishing agents: use firefighting measures that suit the environment, CO₂, extinguishing powder or water jet. Fight larger fires with foam.
Protective equipment: no special measures required.

Section VI. Accidental Release Measures

Person-related safety precautions: wear protective clothing.

Measures for environment protection: do not allow product to reach sewage system or water bodies.

Measures for cleaning/collecting: collect mechanically.

Additional information: no dangerous materials are released.

Section VII. Handling and Storage

Handling

Information for safe handling: no special measures required.

Information about protection against explosions and fires: no special measures required.

Storage

Requirements to be met by storerooms and containers: no special requirements

Information about storage in one common storage facility: not required

Further information about storage conditions: store in cool, dry conditions in well sealed containers.

Section VIII. Personal Protection

Personal Protective Equipment

General protective and hygienic measures: the usual precautionary measures should be adhered to in handling the chemicals.

Breathing equipment: not required

Protection of hands: protective gloves

Eye protection: not required.

Section IX. Physical and Chemical Properties

Form: solid.

Color: colorless, transparent.

Smell: odorless

Change in condition:

Melting point/Melting range: ca. 800 oC

Boiling point/Boiling range: not determined

Flash point: not applicable

Flammable: Not flammable

Danger of Explosion: product is not explosive.

Density:

Settled apparent density at 20 oC ca. 1450 kg/m³

Solubility in Water: slightly soluble

pH value: (10 g/L) at 20 oC 7.0

Section X. Stability and Reactivity

Thermal decomposition / conditions to be avoided: no decomposition if used according to specifications.

Dangerous reactions: no dangerous reactions known

Dangerous composition products: no dangerous decomposition products known.

Section XI. Toxicological Information

Acute Toxicity:

LD/LC50 values that are relevant for classification -

<u>Components</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
Siliphos	LD50	>2000 mg/kg	Ratte

Primary irritant effects:

On the skin: no irritant effect

On the eye: no irritant effect

Sensitization: no sensitizing effect known

Additional toxicological information: in our experience and according to the information provided to us, the product does not have any harmful effects when used and handled according to specification.

The materia is not subject to classification according to EC lists in the last version.

Section XII. Ecological Information

Information about elimination (persistence and degradability):

Other information: inorganic salts are not biodegradable.

Section XIII. Disposal Considerations

Product: smaller quantities can be disposed with household garbage.

Uncleaned packaging: dispose of packaging according to regulations on the disposal of packagings.

Section XIV. Transport Information

Transport/Additional information: not dangerous.

Section XV. Other Information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The information provided above is based on data from sources believed to be accurate and reliable. Selecto Scientific, Inc. makes no warranty on the absolute correctness of the information which has been provided in good faith. The user must determine the suitability of the product and information specific to their end-use. Appropriate measures for the proper and safe usage of this product is the sole responsibility of the user and not Selecto Scientific, Inc.

MSDS Effective Date: March 15, 2005

Prepared by: Selecto R&D