

SAFETY DATA SHEET

Deptil CIP SAN PLUS

Section 1. Chemical Product and Company Information

Product Name : Deptil CIP SAN PLUS
 Other means of identification : Not applicable
 Recommended Use : Sanitizer
 Restrictions on Use : Reserved for industrial and professional use.

Supplier Information : Kersia USA Inc.
 PO Box 46098
 Minneapolis, MN 55446
 (612) 638-2129

Date of issue : 03/15/23
 EPA Registration No. : 82808-10-3276

EMERGENCY HEALTH INFORMATION :
 Outside United States and Canada CALL:

Section 2. Hazards Identification

| GHS Classification | Category |
|-----------------------------|----------|
| Acute toxicity (Oral) | 4 |
| Acute toxicity (Inhalation) | 4 |
| Acute toxicity (Dermal) | 4 |
| Skin corrosion | 1A |
| Serious eye damage | 1 |

GHS Label Element
 Hazard pictograms



Signal Word : Danger
 Hazard Statements : Harmful if swallowed, in contact with skin or if inhaled.
 Causes severe skin burns and eye damage.
 Precautionary Statements :

SAFETY DATA SHEET

Deptil CIP SAN PLUS

| | |
|--------------------|---|
| Prevention: | Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/ protective clothing/ eye protection/ face protection. Do not mix with bleach or other chlorinated products – will cause chlorine gas. |
| Response: | IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse. |
| Storage: | Store locked up. |
| Disposal: | Dispose of contents/ container to an approved waste disposal plant. |
| Other hazards | : None Known |

Section 3. Composition / Information on Ingredients

Pure substance/mixture : Mixture

| Chemical Name | CAS-No. | Concentration (%) |
|-----------------|-----------|-------------------|
| Propionic Acid | 79-09-4 | 10% |
| Sulfuric Acid | 7664-93-9 | 12% |
| Phosphoric Acid | 7664-38-2 | 11% |
| Decanoic Acid | 334-48-5 | 3.0% |
| Nonanoic Acid | 112-05-0 | 3.0% |

Section 4. First Aid Measures

| | |
|-------------------------|---|
| In case of eye contact | : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately. |
| In case of skin contact | : Wash off immediately with plenty of water for at least 15 minutes. |

SAFETY DATA SHEET

Deptil CIP SAN PLUS

Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

- If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- If inhaled : Remove to fresh air. Treat symptomatically. Get medical attention if symptoms occur.
- Protection of first-aiders : If potential for exposure exists refer to Section 8 for specific personal protective equipment.
- Notes to physician : Treat symptomatically.

See toxicological information (Section 11)

Section 5. Fire-Fighting Measures

- Special protective equipment for fire-fighters : Use personal protective equipment.
- Specific extinguishing methods : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section 6. Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Do not allow contact with soil, surface or ground water.
- Methods and materials for containment and cleaning up : Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g., sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not

SAFETY DATA SHEET

Deptil CIP SAN PLUS

reach a waterway.

Section 7. Handling and Storage

Advice on safe handling

Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not mix with bleach or other chlorinated products – will cause chlorine gas.

Conditions for safe storage

Keep away from strong bases. Keep out of reach of children. Store in suitable labeled containers.

Storage temperature

Above freezing

Section 8. Exposure Controls / Personal Protection

| Ingredients | CAS-No. | Form of Exposure | Permissible Concentration | Basis |
|-----------------|-----------------|-------------------------|---------------------------|-----------|
| Phosphoric acid | Phosphoric acid | TWA | 1 mg/m ³ | ACGIH |
| | | STEL | 3 ppm | ACGIH |
| | | TWA | 1 mg/m ³ | NIOSH REL |
| | | ST | 3 mg/m ³ | NIOSH REL |
| | | TWA | 1 mg/m ³ | OSHA Z-1 |
| Sulfuric Acid | 7664-93-9 | TWA (Thoracic fraction) | 0.2 mg/m ³ | ACGIH |
| Sulfuric Acid | 7664-93-9 | TWA (Thoracic fraction) | 0.2 mg/m ³ | ACGIH |
| Sulfuric Acid | 7664-93-9 | TWA (Thoracic fraction) | 0.2 mg/m ³ | ACGIH |
| | | TWA | 1 mg/m ³ | NIOSH REL |
| | | TWA | 1 mg/m ³ | OSHA Z1 |

Personal protective equipment

Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Eye protection

: Safety goggles
Face-shield

Hand protection

Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

SAFETY DATA SHEET

Deptil CIP SAN PLUS

| | |
|------------------------|--|
| Skin protection | : Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing |
| Respiratory protection | : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. |
| Hygiene measures | : Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard. |

Section 9. Physical and Chemical Properties

| | |
|---|--------------------------|
| Appearance | : Liquid |
| Color | : Clear |
| Odor | : Pungent |
| pH | : <1.0 (1oz, gal water) |
| Flash point | : Not applicable |
| Odor Threshold | : No data available |
| Melting point/freezing point | : No data available |
| Initial boiling point and boiling range | : 212 F |
| Evaporation Rate | : No data available |
| Flammability (solid, gas) | : No data available |
| Upper explosion limit | : No data available |
| Lower explosion limit | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density | : No data available |
| Relative density | : 1.155 |
| Water solubility | : Completely miscible |
| Solubility in other solvents | : No data available |
| Partition coefficient: n-octanol/water | : No data available |

SAFETY DATA SHEET

Deptil CIP SAN PLUS

| | |
|--------------------------|---------------------|
| Autoignition temperature | : No data available |
| Thermal decomposition | : No data available |
| Viscosity, kinematic | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Molecular weight | : No data available |
| VOC | : No data available |

Section 10. Stability and Reactivity

| | |
|------------------------------------|---|
| Chemical stability | Stable under normal conditions. |
| Possibility of hazardous reactions | Do not mix with bleach or other chlorinated products – will cause chlorine gas. |
| Conditions to avoid | Alkaline Chemicals |
| Incompatible materials | Alkaline, Bases, chlorine releasers |
| Hazardous decomposition products | Thermal - phosphorous pentoxide |

Section 11. Toxicological Information

| | |
|--|---|
| Information on likely routes of exposure | : Inhalation, Eye contact, Skin contact |
| Potential Health Effects | : |
| Eyes | : No data available |
| Skin | : No data available |
| Ingestion | : No data available |
| Inhalation | : No data available |
| Chronic Exposure | : No data available |
| Experience with human exposure | : |
| Eye contact | : No data available |
| Skin contact | : No data available |

SAFETY DATA SHEET

Deptil CIP SAN PLUS

| | | |
|-----------------------------------|---|----------------------------|
| Ingestion | : | No data available |
| Inhalation | : | No data available |
| Toxicity | : | |
| | | Phosphoric acid |
| Acute oral toxicity | : | LD50 Rat: > 2,000 mg/kg |
| | | Phosphoric acid |
| | | LD50 Rabbit: > 2,000 mg/kg |
| Acute inhalation toxicity | : | No data available |
| Acute dermal toxicity | : | No data available |
| Skin corrosion/irritation | : | No data available |
| Serious eye damage/eye irritation | : | No data available |
| Respiratory or skin sensitization | : | No data available |
| Carcinogenicity | : | No data available |
| Reproductive effects | : | No data available |
| Germ cell mutagenicity | : | No data available |
| Teratogenicity | : | No data available |
| STOT-single exposure | : | No data available |
| STOT-repeated exposure | : | No data available |
| Aspiration toxicity | : | No data available |

Section 12. Ecological Information

Ecotoxicity

Environmental Effects : This product has no known ecotoxicological effects.

Product

Toxicity to fish : No data available

Toxicity to daphnia and other aquatic invertebrates : No data available

Toxicity to algae : No data available

Ingredients

Toxicity to fish : Phosphoric acid
96 h LC50: 75.1 mg/l

Octanoic acid

SAFETY DATA SHEET

Deptil CIP SAN PLUS

96 h LC50 Fish: 22 mg/l

Decanoic acid
96 h LC50 Fish: 20 mg/l

Ingredients

Toxicity to daphnia and other aquatic invertebrates : No data available

Persistence and degradability : No data available

Bio accumulative potential : No data available

Mobility in soil : No data available

Other adverse effects : No data available

Section 13. Disposal Considerations

Disposal methods : The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations : Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

RCRA - Resource Conservation and Recovery Authorization Act Hazardous waste : D002 (Corrosive)

Section 14. Transport Information

The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (DOT)

UN number : 3264

Description of the goods : Corrosive liquid, acidic, inorganic, n.o.s.
(Propionic Acid , Sulfuric Acid, Phosphoric acid)

Class : 8

Packing group : II

SAFETY DATA SHEET

Deptil CIP SAN PLUS

Environmentally hazardous : No

Air transport (IATA)

UN number : 3264
 Description of the goods : Corrosive liquid, acidic, inorganic, n.o.s.
 (Propionic Acid , Sulfuric Acid, Phosphoric acid)
 Class : 8
 Packing group : II
 Environmentally hazardous : No

Section 15. Regulatory Information

EPA Registration Number : 82808-3
 EPCRA - Emergency Planning and Community Right-to-Know
CERCLA Reportable Quantity

| Ingredients | CAS-No | Component RQ (lbs.) | Calculated product RQ (lbs.) |
|-----------------|-----------|---------------------|------------------------------|
| Phosphoric Acid | 7664-38-2 | 5000 | 21011 |

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65 : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

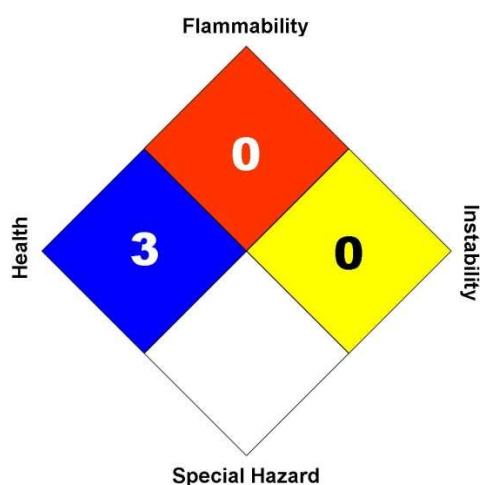
United States TSCA Inventory : On TSCA Inventory
Canadian Domestic Substances List (DSL) : All components of this product are on the Canadian DSL.
Australia Inventory of Chemical Substances (AICS) : On the inventory, or in compliance with the inventory
New Zealand. Inventory of : On the inventory, or in compliance with the inventory

SAFETY DATA SHEET

Deptil CIP SAN PLUS

| | | |
|---|---|---|
| Chemical Substances | : | On the inventory, or in compliance with the inventory |
| Japan. ENCS - Existing and New Chemical Substances Inventory | : | On the inventory, or in compliance with the inventory |
| Japan. ENCS - Existing and New Chemical Substances Inventory | : | On the inventory, or in compliance with the inventory |
| Japan. ISHL - Inventory of Chemical Substances | : | On the inventory, or in compliance with the inventory |
| Korea. Korean Existing Chemicals Inventory (KECI) | : | On the inventory, or in compliance with the inventory |
| Philippines Inventory of Chemicals and Chemical Substances (PICCS) | : | On the inventory, or in compliance with the inventory |
| China. Inventory of Existing Chemical Substances in China (IECSC) | : | On the inventory, or in compliance with the inventory |

Section 16. Other Information



HMIS III:

| | |
|------------------------|----------|
| HEALTH | 3 |
| FLAMMABILITY | 0 |
| PHYSICAL HAZARD | 0 |

0 = Not Significant, 1 = Slight
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Issuing date : 03/15/23
Version : 1.0
Prepared by : RJD

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

SAFETY DATA SHEET

Deptil CIP SAN PLUS

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.