

SDS# SCM-117-16
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Pro-Tek™ Inhibitor

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Pro-Tek Inhibitor
Catalog Number: SCM-117-16
Manufactured by: DiversiTech Corporation
6650 Sugarloaf Parkway
Duluth, GA, 30097
Information Phone No.: 1+678.542.3600
EMERGENCY Phone No.: 1 800.255.3924 Chem-Tel (Chemical Emergencies)
PREPARED BY: V. Leone

SECTION 2. HAZARDOUS IDENTIFICATION

GHS Classification:

Skin Irritation Category 1
Eye Irritation Category 1B
Single Target Organ Toxicity- Single Exposure Category 3- Respiratory System
Corrosive to metals Category 1

Label Elements:



Signal Word Warning!

Hazard Statement(s)

H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H335 May cause respiratory irritation
H290 May be corrosive to metals.

Precautionary statement(s)

P102 Keep out of reach of children
P103 Read label before use.
P234 Keep only in original container.
P260 Do not breathe mist or fumes
P264 Wash skin thoroughly after handling
P271 Use only outdoors or in a well-ventilated area.
P280 Wear rubber, neoprene or nitrile gloves and protective clothing, and safety goggle or face shield to protect eyes and face.
P310 Immediately call a POISON CENTER or doctor.
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse SKIN with water or shower.
P363 Wash contaminated clothing before reuse.
P304+340 IF INHALED: Remove person to fresh air keep comfortable for breathing.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P390 Absorb spillage to prevent material damage.
P403+233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up
P406 Store in corrosive resistant container with resistant inner liner.
P501 Dispose of contents and container in accordance with local, regional, and national regulations.

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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification	
Water	7732-18-5	231-791-2	40-60	Not classified	
Dipotassium Phosphate	7758-11-4	231-834-5	40-60	H315: Causes skin irritation H319: Causes serious eye Irritation.	Category 2 Category 2A

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

4.2. Signs and Symptoms of Exposure:

Inhalation: Effects from inhalation of mist and spray may cause serious damage of the upper respiratory tract, depending on severity of exposure. Symptoms may vary from mild to severe irritation, sneezing, sore throat or runny nose. Severe pneumonitis may occur.

Ingestion: Symptoms may include burns of mouth, throat, and stomach bleeding, vomiting, diarrhea, fall in blood pressure.

Skin Contact: Contact with skin can cause redness, irritation or severe burns and scarring with greater exposures.

Eye Contact: Contact with mist, spray or liquid causes redness, severe irritation or burning in eyes. Prolonged exposures can cause burns that may result in permanent impairment of vision, even blindness.

Chronic Exposure: Prolonged contact with dilute solutions or mists has a destructive effect upon tissue.

SECTION 5. FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media:

This product is not flammable. Use extinguishing method suitable for surrounding fire.

Special Equipment and Precautions for Fire-Fighters:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode. Cool fire-exposed containers with a water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Dike the spill to prevent the spread of liquid using the materials described under Cleanup and Disposal of Spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment and clothing during clean-up.

Methods and Material for Containment and Clean-Up: Absorb with an inert absorbent. Sweep or vacuum up and place in an appropriate closed container (see Section 7: Handling and Storage). Clean up residual material by washing area with water and detergent. Collect washings for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep in a tightly closed container. Avoid breathing vapors and mists. Avoid direct or prolonged contact with skin and eyes. Protect from physical damage. Keep this and all chemicals out of the reach of children. Wash thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities: Store locked up. Keep in original container. Keep container tightly closed. Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatible materials. Store in corrosive resistant container with resistant inner liner. Protect from freezing. Observe all warnings and precautions listed for the product.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits: None

Appropriate Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators: Not required for normal use in accordance with label directions.

Skin Protection: Use rubber, neoprene or nitrile gloves to minimize skin contact.

Eye Protection: Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking or using the bathroom.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odor: Odorless

Odor Threshold: None

pH @ 25°C: 1.0-10.5

Melting Point (Pour Point): <0°C (-32°F)

Boiling Point: >106°C (>220°F)

Flash Point: None

Evaporation Rate (Water = 1): >1

Flammable Limits: Not available

LEL:

UEL:

Vapor pressure (mm Hg): <0.1mmHg @20°C

Vapor Density (Air = 1): 2.6

Specific gravity (H₂O = 1): 1.531

Solubility in water: Completely soluble in water

Octanol/Water Partition Coefficient: Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: Protect from freezing.

Incompatible Materials: None known

Hazardous Decomposition Products: Oxides of phosphorus, oxides of potassium

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Inhalation: May cause respiratory tract, irritation, a burning sensation, shortness of breath.

Ingestion: Causes digestive tract burns, abdominal cramps, nausea, vomiting, diarrhea.

Skin Contact: Contact with skin can cause redness, irritation or severe burns and scarring with greater exposures.

Eye Contact: Contact with mist, spray or liquid causes redness, severe irritation or burning in eyes. Prolonged exposures can cause burns that may result in permanent impairment of vision, even blindness.

Carcinogenic effects: Not classified

Teratogenicity/Reproductive toxicity: Not classified

Mutagenic effects: Not classified

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SECTION 11. TOXICOLOGICAL INFORMATION (cont.)

Numerical Measures of Toxicity:

Acute Eye Irritation: No test data found for product.

Acute Skin Irritation: No test data found for product.

Acute Dermal Toxicity: LD50->5000mg/kg, rabbit

Acute Respiratory Irritation: No test data found for product.

Acute Inhalation Toxicity: No test data found for product.

Acute Oral Toxicity: LD50-4819mg/kg, rat

Chronic Toxicity: This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Aquatic: Not available.

Persistence and Degradability: Biodegradable.

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: Alkalinity of this material is readily reduced in natural waters, the resulting phosphate may persist indefinitely or incorporate into biological systems.

Other: For more information, see "HANDBOOK OF ENVIRONMENTAL FATE AND EXPOSURE DATA."

SECTION 13. DISPOSAL CONSIDERATIONS

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

EPA Hazardous Waste - YES

EPA RCRA HAZARDOUS WASTE CODES: "C" Corrosive.

SECTION 14. TRANSPORTATION INFORMATION

US DOT Number: 3266

US DOT Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S. (Contains dipotassium phosphate)

Transport Hazard Class(s): 8

Packing group: III

Environmental Hazards: Not an Environmentally Hazardous Substance or Marine Pollutant.

ADR/RID Transport Information: Transport Category 3 Tunnel Restriction E

ADR/RID Class: 8

ADR/RID Packing Group: III

IMDG Hazard Class: 8

IMDG Packing Group: III

ADNR Class: 8 C5

ADNR Item: Corrosive Liquid, Basic, Inorganic, N.O.S. (Contains dipotassium phosphate)

IATA Hazard Class: 8

IATA Packing Group: III

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

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SECTION 15. REGULATORY INFORMATION

Australia AICS X

Canada DSL X

Canada DSL no data for mixture

China IECS X

European Union EINECS X

European Union ELINCS no data for mixture

European Union NLP no data for mixture

Japan ENCS X

Korea ECL X

Philippines PICCS X

United States TSCA X

X = All components are included or are otherwise exempt from inclusion on this inventory.

WHMIS classification for product: N/A

Federal, State & International Regulations

U.S. REGULATIONS:

Regulatory Status

SARA 302/304: Chemicals with provided CAS numbers in this material are not subject to the reporting requirements of CERCLA.

SARA 311/312: Based upon available information, this material is not classified as a health and/or physical hazard according to Section 311 & 312.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels established by SARA Title III, Section 313 and 40 CFR 372.

Component Reporting Threshold

State Reporting:

California Proposition 65 : This material is not known to contain any chemicals currently listed as carcinogens **California Proposition 65:** Not Listed.

MA Right to Know List: Not Listed.

New Jersey Right-to-Know List: Not Listed.

Pennsylvania Right to Know List: Not Listed.

WHMIS Hazardous Class: E Corrosive Material

SECTION 16. OTHER INFORMATION:

Revision Summary: All Sections: New GHS Format

SDS DATE REVISED: 12/10/2015

HMIS III Ratings:

HMIS III®

Health	2
Flamability	0
Physical Hazard	0
Personal Protection	B

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