

Pro-Treat®

Section 1. Identification

PRODUCT IDENTIFIER:

Pro-Treat®

OTHER MEANS OF IDENTIFICATION:

PROTREAT-151; PROTREAT-152; PROTREAT-161;
 PROTREAT-200; PROTREAT-200D; PROTREAT-217;
 PROTREAT-350; BG-400; BG-402; BG-40R

RECOMMENDED USE OF THE CHEMICAL:

See label for use instructions.

RESTRICTIONS ON USE:

None known.

MANUFACTURED BY:

DiversiTech Corporation
 3039 Premiere Parkway, Suite 600, Duluth, GA 30097
 1.800.995.2222

Alltemp Products Co. Ltd.
 2-905 Sandy Beach Rd
 Pickering, ON L1W 1Z5, Canada
 1.800.263.4624

EMERGENCY PHONE #:

1 800.255.3924
 Chem-Tel (Chemical Emergencies)

Section 2. Hazard Identification

CLASSIFICATION OF THE CHEMICAL:

Acute Toxicity - Oral, category 4
 Acute Toxicity - Dermal, category 4
 Skin Corrosive, category 1
 Toxic to Reproduction, category 1b

HAZARD SYMBOL(S):



SIGNAL WORD:

Danger

HAZARD(S) NOT OTHERWISE CLASSIFIED:

None known.

0% of the chemical consists of ingredient(s) of unknown acute toxicity.

NOTE:

Labeling elements found on this SDS may be different from labeling elements found on the label. Labels may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

Hazard Statement(s)	
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H360	May damage fertility or the unborn child.
Precautionary Statement(s)	
P102	Keep out of reach of children.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash hands and exposed skin thoroughly after handling.
P260	Do not breathe dusts or mists.
P270	Do not eat, drink, or smoke when using this product.
P280	Wear protective gloves and eye protection.
P321	Specific treatment (see FIRST AID section on this label).
P405	Store locked up.
P501	Dispose of container in accordance with local regulations.
Response	
P301+312+330+331	IF SWALLOWED: Call a doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting.
P323+361+353+312	IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water. Call a doctor if you feel unwell.
P304+340+310	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison control center.
P350+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.
P308+313	IF EXPOSED OR CONCERNED: Get medical advice.

Section 3. Information on Ingredients

INGREDIENT	CAS No.	WT%	GHS CLASSIFICATION(S)
Benzyltrimethyltetradecylammonium chloride	139-08-2	41.60	Skin Corr. 1; Acute Tox. 4 (oral/dermal), Acute Marine 1
Sodium Tetraborate	12179-04-3	10-40	Toxic to Reproduction 1b

TRADE SECRET CLAIM:

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

NOTE:

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance hazard communication standards. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

Section 4. First Aid Measures

GENERAL FIRST AID MEASURES:

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

IF INHALED:

Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

IF IN EYES:

Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 5. Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA:

Water spray, carbon dioxide, sand, powder extinguisher, dry chemical.

SPECIFIC HAZARDS:

None known.

SPECIAL PROTECTIVE EQUIPMENT:

Not determined.

Section 6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Remove non-emergency personnel from the area in an orderly fashion.

MOST IMPORTANT SYMPTOMS:

Harmful if swallowed. May cause skin burns and eye damage.

IF ON SKIN:

Wash with soap and water. Take off contaminated clothing and wash it before reuse.

IF SWALLOWED:

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

Seek medical attention if skin or eye irritation is severe or persists.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

HAZARDOUS COMBUSTION PRODUCTS:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Not determined.

EMERGENCY PROCEDURE(S):

Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

REFERENCES:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

PROTECTIVE EQUIPMENT:

Use appropriate chemical-resistant gloves and eye protection.

Section 7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling.

STORAGE INCOMPATIBILITIES:

None known.

Section 8. Exposure Controls and Personal Protection

PERMISSIBLE EXPOSURE LIMITS:

INGREDIENT	CAS No.	OSHA PEL	ACGIH TLV
Benzyltrimethyltetradecyl-ammonium	139-08-2	n/a	n/a
Sodium Tetraborate	12179-04-3	n/a	2mg/m ³

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

EYE/FACE PROTECTION:

Eye protection is recommended. Wear goggles or another form of chemically resistant eye protection.

RESPIRATORY PROTECTION:

No anticipated protective equipment is required.

Section 9. Physical and Chemical Properties

STATE: Solid tablet.

COLOR: White.

ODOR: Not determined.

MELTING POINT: 105°C.

BOILING POINT: Not determined.

FLAMMABILITY: No flammable components.

EXPLOSIVE LIMITS

UPPER: Not determined.

LOWER: Not determined.

FLASHPOINT: Not determined.

METHODS FOR CONTAINMENT:

Cover drains and ventilate area to prevent vapor build-up.

METHODS FOR CLEAN UP:

For small spills, wipe with an absorbent material. For large spills, collect with sawdust, sand, or binder before cleaning. Place in an area appropriate for disposal.

CONDITIONS FOR SAFE STORAGE:

Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container.

APPROPRIATE ENGINEERING CONTROLS:

Ensure mechanical ventilation.

SKIN PROTECTION:

Wear gloves suitable for chemical protection.

ENVIRONMENTAL PROTECTION:

No anticipated protective equipment is required.

pH: 8-9.5

KINEMATIC VISCOSITY: Not determined.

SOLUBILITY: Not determined.

VAPOR PRESSURE: Not determined.

RELATIVE DENSITY: Not determined.

VAPOR DENSITY: Not determined.

AUTO-IGNITION TEMPERATURE, Not determined.

DECOMPOSITION TEMPERATURE, Not determined.

PARTITION COEFFICIENT: Not determined.

PARTICLE CHARACTERISTICS: Not determined.

Section 10. Stability and Reactivity

REACTIVITY:

Not anticipated to be reactive.

HAZARDOUS REACTIONS:

None known.

INCOMPATIBLE MATERIALS:

Not determined.

Section 11. Toxicological Information

ACUTE TOXICITY ESTIMATES:

Oral – 675 mg/kg bw (category 4).

Dermal – 1,692 mg/kg bw (category 4).

Inhalation – No toxic ingredients.

SKIN EXPOSURE:

Contains >10% caustic material but has a neutral pH.

Potential for skin corrosion if exposed.

Not expected to cause an allergic skin reaction.

Based on acute toxicity estimate calculations, mixture is expected to cause harm to skin.

EYE EXPOSURE:

Will cause eye irritation or permanent damage.

REPRODUCTIVE TOXICITY:

May damage the fetus or unborn child.

Not expected to cause reproductive harm.

Section 12. Ecological Information

ECOTOXICITY:

Algae – 0.48 mg/L (Acute Aquatic Toxicity 1)

Fish – 1.9 mg/L (Acute Aquatic Toxicity 2)

Crustacea – 0.5 mg/L (Acute Aquatic Toxicity 1)

MOBILITY IN SOIL:

Not determined.

CHEMICAL STABILITY:

Chemical is anticipated to be stable in normal storage conditions.

CONDITIONS TO AVOID:

Heat, sources of ignition, direct sunlight, etc.

HAZARDOUS DECOMPOSITION PRODUCTS:

Not determined.

INHALATION EXPOSURE:

Not expected to cause respiratory irritation.

Not expected to cause drowsiness or dizziness.

Not expected to cause a respiratory allergic reaction.

Not considered toxic to inhalation exposure.

INGESTION EXPOSURE:

Not considered an aspiration hazard.

Based on acute toxicity estimate calculations, mixture is expected to be harmful if swallowed.

CARCINOGENICITY:

No ingredients suspected of causing cancer.

National Toxicology Program Listing: No ingredients listed.

International Agency for Research on Cancer Listing: No ingredients listed.

OTHER TOXICITY & INTERACTIVE EFFECTS:

None known.

PERSISTENCE AND DEGRADABILITY:

Not determined.

BIOACCUMULATIVE POTENTIAL:

Not determined.

OTHER ADVERSE EFFECTS:

None known.

Section 13. Disposal Considerations

DISPOSAL OF EMPTY CONTAINERS:

Please recycle container with a licensed recycling company.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS:

Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

Section 14. Transport Information

GROUND TRANSPORTATION (DOT/TDG)

HAZARD PLACARD:

Not applicable.

UN NUMBER: NOT A REGULATED MIXTURE.

UN PROPER SHIPPING NAME: NOT A REGULATED MIXTURE.

TECHNICAL NAME: -

TRANSPORT HAZARD CLASS: NOT A REGULATED MIXTURE.

PACKAGING GROUP: NOT A REGULATED MIXTURE.

ENVIRONMENTAL HAZARDS: Acute Aquatic Toxicity, category 1

MARINE POLLUTANT?: Yes, category 1

TRANSPORT IN BULK: Not determined.

SPECIAL PRECAUTIONS: Do not ship with excessive weight on top. Keep in original containers.

LIMITED QUANTITY EXCEPTION: NOT A REGULATED MIXTURE.

OCEAN TRANSPORTATION (IMDG)

HAZARD PLACARD:



UN NUMBER: UN3077

UN PROPER SHIPPING NAME: Environmentally hazardous substance, solid, n.o.s.

TECHNICAL NAME: Benzyltrimethyltetradecylammonium Chloride mixture.

TRANSPORT HAZARD CLASS: 9 MISC

PACKAGING GROUP: PGIII

ENVIRONMENTAL HAZARDS: Acute Aquatic Toxicity, category 1

MARINE POLLUTANT?: Yes, category 1

TRANSPORT IN BULK: Not determined.

SPECIAL PRECAUTIONS: Do not ship with excessive weight on top. Keep in original containers.

LIMITED QUANTITY EXCEPTION: < 5 KG

AIR TRANSPORTATION (IATA)

HAZARD PLACARD:



UN NUMBER: UN3077

UN PROPER SHIPPING NAME: Environmentally hazardous substance, solid, n.o.s.

TECHNICAL NAME: Benzyltrimethyltetradecylammonium Chloride mixture.

TRANSPORT HAZARD CLASS: 9 MISC

PACKAGING GROUP: PGIII

ENVIRONMENTAL HAZARDS: Acute Aquatic Toxicity, category 1

MARINE POLLUTANT?: Yes, category 1

TRANSPORT IN BULK: Not determined.

SPECIAL PRECAUTIONS: Do not ship with excessive weight on top. Keep in original containers.

LIMITED QUANTITY EXCEPTION: < 5 KG

Section 15. Regulatory Information

CALIFORNIA PROP65:

No listed ingredients.

TSCA INVENTORY LIST: Each ingredient is on the TSCA inventory list as ACTIVE.

VOC (CARB/OTC/CEPA/ETC):

Product Category: Not applicable.

VOC Limit: Not applicable.

HMIS®III: (higher numbers indicate higher risk): Health, 2; Flammability, 0; Physical Hazard, 0

NFPA®: (higher numbers indicate higher risk): Health, 2; Flammability, 0; Instability, 0

Section 16. Other Information

Revision	Date	Purpose
1	Feb 2024	SDS Review.
2	May 2025	SDS Update to new hazard communication standards.

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