

## SAFETY DATA SHEET

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: PRIZEFIGHTER  
 PRODUCT NO: TM513  
 RECOMMENDED USE: Automotive Wheel Brightener

COMPANY: TRANS-MATE, INC.  
 13 Sterling Road  
 N. Billerica, MA 01862  
 USA  
 978-667-0100

EMERGENCY TELEPHONE NUMBER: Trans-Mate – 978-667-0100  
 CHEMTREC – 800-424-9300

**SECTION 2: HAZARDS IDENTIFICATION**

## Danger

Causes severe skin burns and eye damage that may not be felt immediately. Toxic if swallowed, if inhaled, if in contact with skin.

Wear protective gloves/clothing and eye//face protection. Do not breathe mists. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Do not eat drink or smoke when using this product.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor or poison control center.

If on skin: Take off immediately all contaminated clothing and wash before reuse. Flood rinse skin with water/shower for 15 minutes. Apply 2.5% calcium gluconate gel to burn sites. Immediately call a doctor or poison control center.

If swallowed: Rinse mouth. Do NOT induce vomiting. Drink water, milk or a solution of calcium gluconate or calcium lactate. Immediately call a doctor or poison control center.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor or poison control center.

Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Dispose of contents/container in accordance with local/state/federal regulations.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

| INGREDIENT   | CAS #     | WEIGHT % |
|--|-----------|----------|
| Ammonium bifluoride (ammonium hydrogen difluoride) | 1341-49-7 | 1-5**    |
| Quaternary ammonium compounds*                     | NA        | 1-5**    |
| Ethoxylated nonionic surfactant*                   | NA        | 1-5**    |

\*Identity of this ingredient is a trade secret

\*\*Exact percentage of this ingredient is a trade secret

**SECTION 4: FIRST AID MEASURES**

If in eyes: Flush with plenty of water for 15 minutes while holding eyelids apart. Get medical attention at once. Trained personnel should apply 1% calcium gluconate by continuous drip.

If on skin: Immediately remove contaminated clothing and rinse area with water for 15 minutes. Apply 2.5% calcium gluconate gel to burn sites. Wash contaminated clothing before reuse. Discard leather goods. Get medical attention at once.

If swallowed: Do not induce vomiting; aspiration hazard. Contact poison control center immediately. Drink water, milk or a solution of calcium gluconate or calcium lactate. Never give anything by mouth to an unconscious person.

If inhaled: Remove to fresh air. If breathing is difficult, get medical attention immediately. Trained personnel should provide 2.5% calcium gluconate solution by nebulizer with victim sitting upright. If victim is not breathing, use Ambu-Bag, do not give mouth-to-mouth resuscitation.

**SECTION 5: FIRE FIGHTING MEASURES**

EXTINGUISHING MEDIA: Use water spray, dry chemical, carbon dioxide or "alcohol" foam.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustion may produce noxious and irritating gases which will require fresh air source in fire fighting.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turnout gear as a general precaution.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Use personal protective equipment; see Section 8.

Keep product from entering storm sewers and ditches that may lead to waterways.

Stop spill at source; dike and contain large spills and transfer to recovery container. Use absorbent for small spills and containerize.

See Section 13 for disposal.

**SECTION 7: HANDLING AND STORAGE**

Handle according to good manufacturing and warehousing practices. Avoid contact with eyes, skin and clothing.

Store indoors between 40F/4C and 100F/38C

Use product only for intended use. Follow label directions.

Wash hands after handling.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

| INGREDIENT          | CAS #     | OSHA PEL<br>(ppm or *mg.M <sup>3</sup> )<br>+=skin, c=ceiling | ACGIH TLV<br>(ppm or *mg.M <sup>3</sup> )<br>+=skin, c=ceiling |
|---------------------|-----------|---|--|
| Ammonium bifluoride | 1341-49-7 | 2.5*  | 2.5*   |

EYES: Wear eye protection (i.e. chemical safety glasses with side shields or goggles). Contact lenses should not be worn.

SKIN: Chemical resistant clothing (i.e. gloves) is recommended.

RESPIRATORY PROTECTION: Not expected to be needed. Where over-exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.

VENTILATION: Local exhaust or general room ventilation is normally adequate.

OTHER PROTECTIVE EQUIPMENT: Emergency eye wash station is recommended

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: Green liquid  
 ODOR: Cherry fragrance  
 ODOR THRESHOLD: NA  
 pH: 4-5  
 MELTING/FREEZING POINT: Approx. 32F/0C  
 BOILING POINT: APPROX 212F/100C  
 BOILING RANGE: NA  
 FLASH POINT (CC): >212F/100C  
 EVAPORATION RATE: Approx. that of water  
 FLAMMABILITY: Not flammable nor combustible  
 UPPER/LOWER FLAMMABILITY LIMITS: NA  
 UPPER/LOWER EXPLOSIVE LIMITS: NA  
 VAPOR PRESSURE: NA  
 VAPOR DENSITY: NA  
 RELATIVE DENSITY: 8.5 LB/GAL  
 SOLUBILITY: Soluble in Water  
 PARTITION COEFFICIENT: N-OCTANOL/WATER: NA  
 AUTO-IGNITION TEMPERATURE: NA  
 DECOMPOSITION TEMPERATURE: NA  
 VISCOSITY: Water thin

**SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY: Stable  
 CHEMICAL STABILITY: Stable  
 POSSIBILITY OF HAZARDOUS REACTIONS: Low.  
 INCOMPATIBLE MATERIALS: Avoid oxidizers and reducers.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and other gases.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Acute overexposure and prolonged exposure to ammonium bifluoride can cause fluorosis which may result in weight loss, brittle bones, anemia and weakness and stiffness in joints.

**SECTION 12: ECOLOGICAL INFORMATION**

Ecological data for this chemical mixture is not available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with federal, state and local environmental regulations.

**SECTION 14: TRANSPORT INFORMATION**

| Regulatory information | UN number | Proper shipping name                  | Class | Packing group | Label    | Additional information |
|------------------------|-----------|---------------------------------------|-------|---------------|----------|------------------------|
| DOT                    | UN2817    | Ammonium hydrogendifluoride, Solution | 8     | PGII          | 8, (6.1) | -                      |

**SECTION 15: REGULATORY INFORMATION**

RTK Ingredients : Water (7732-18-5), Ammonium bifluoride (1341-49-7), Quaternary ammonium compounds (NA), Ethoxylated nonionic surfactant (NA)

**SECTION 16: OTHER INFORMATION**

NFPA 704

HAZARD RATING

4=Severe            H=Health            H=4

3=Serious            F=Fire                F=0

2=Moderate        R=Reactivity        R=0

1=Slight

0=Minimal

Prepared: July 7, 2016

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