

## SAFETY DATA SHEET

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: CACTUS  
 PRODUCT NO: TM027  
 RECOMMENDED USE: Car Wash Drying Agent

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 serious eye damage. Causes skin irritation. Harmful if inhaled. Combustible liquid. May be fatal if swallowed and enters airways.

Wear protective gloves and eye protection. Wash thoroughly after handling. Do not eat drink or smoke when using this product. Avoid breathing spray. Use only outdoors or in a well-ventilated area. Keep away from heat and flames.

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.

If on skin: Take off all contaminated clothing and wash it before reuse. Wash with plenty of water. If skin irritation occurs, get medical attention.

If swallowed: Rinse mouth. Immediately call a doctor. Do NOT induce vomiting.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

In case of fire: Use dry chemical, water fog or carbon dioxide extinguisher.

Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container in accordance with local/state/federal regulations.

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

INGREDIENT	CAS #	WEIGHT %
Petroleum distillates, hydrotreated middle	64742-46-7	10-20**
Quaternary ammonium compounds*	61789-77-3	10-20**
2-Butoxyethanol	111-76-2	1-5**
Isopropanol	67-63-0	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: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

If on skin: Take off all contaminated clothing and wash it before reuse. Wash with plenty of water. If skin irritation occurs, get medical attention.

If swallowed: Rinse mouth. Immediately call a doctor. Do NOT induce vomiting.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.

**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 (ppm or *mg.M <sup>3</sup> ) +=skin, c=ceiling	ACGIH TLV (ppm or *mg.M <sup>3</sup> ) +=skin, c=ceiling
Petroleum distillates, hydrotreated middle	64742-46-7	5* (as oil mist)	NA
2-Butoxyethanol	111-76-2	25+	25+
Isopropanol	67-63-0	400	400

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: Blue liquid

ODOR: Mild solvent odor

ODOR THRESHOLD: NA

pH: 5-7

MELTING/FREEZING POINT: Approx. 32F/0C

BOILING POINT: APPROX 212F/100C

BOILING RANGE: NA

FLASH POINT (CC): 152F/67C

EVAPORATION RATE: Approx. that of water

FLAMMABILITY: Combustible

UPPER/LOWER FLAMMABILITY LIMITS: NA

UPPER/LOWER EXPLOSIVE LIMITS: NA

VAPOR PRESSURE: NA

VAPOR DENSITY: NA

RELATIVE DENSITY: 8.1 LB/GAL

SOLUBILITY: Soluble in Water

PARTITION COEFFICIENT: N-OCTANOL/WATER: NA

AUTO-IGNITION TEMPERATURE: NA

DECOMPOSITION TEMPERATURE: NA

VISCOSITY: Slightly viscous

**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**

ACGIH classifies 2-butoxyethanol as a confirmed animal carcinogen with unknown relevance to humans; Group A3. This product contains no other ingredients at or about 0.1% that are listed by NTP, IARC, or OSHA as carcinogens.

**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	NA	NOT REGULATED	NA	NA	-	-

**SECTION 15: REGULATORY INFORMATION**

RTK Ingredients : Water (7732-18-5), Petroleum distillates, hydrotreated middle (64742-46-7), Quaternary Ammonium Compounds (61789-77-3), 2-Butoxyethanol (111-76-2), Isopropanol (67-63-0)

**SECTION 16: OTHER INFORMATION**

NFPA 704

HAZARD RATING

4=Severe            H=2

3=Serious         F=2

2=Moderate       R=0

1=Slight

0=Minimal

Prepared: January 2, 2015

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