

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TAR OFF
 PRODUCT NO: TM070
 RECOMMENDED USE: Automotive Tar Remover

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 skin burns and eye damage. Harmful if inhaled. May cause drowsiness or dizziness. May cause respiratory irritation. May cause damage to organs (liver, kidney, central nervous system) through prolonged or repeated exposure. Suspected of causing cancer. May be fatal if swallowed and enters airways. Flammable liquid and vapor.

Wear protective gloves and eye protection. Do not breathe vapors. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Do not eat drink or smoke when using this product. Keep away from heat and flames. Keep container tightly closed. Use explosion proof equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

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: Wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Immediately call a doctor.

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

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

If exposed or concerned: Get medical advice.

Get medical advice if you feel unwell.

In case of fire: Use foam/carbon dioxide/regular dry chemical/water to extinguish.

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

Dispose of unused product and container in accordance with federal, state and local regulations.

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

INGREDIENT	CAS #	WEIGHT %
Mineral spirits, regular	8052-41-3	80-90**
Solvent naphtha, heavy aromatic	64742-94-5	5-10**
Naphthalene	91-20-3	0.5-2**
Trimethylbenzene 1,2,4	95-63-6	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: Wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Immediately call a doctor.

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

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

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 ³) +=skin, c=ceiling	ACGIH TWA (ppm or *mg.M ³) +=skin, c=ceiling
Mineral Spirits Regular	8052-41-3	500	100
Trimethylebenzene 1,2,4	95-63-6		25
Naphthalene	91-20-3	10	25

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: Red liquid
 ODOR: Vanilla fragrance
 ODOR THRESHOLD: NA
 pH: NA
 MELTING/FREEZING POINT: NA
 BOILING POINT: APPROX NA
 BOILING RANGE: 300-400F
 FLASH POINT (CC): 105F
 EVAPORATION RATE: 0.11 n butyl acetate
 FLAMMABILITY: Flammable
 UPPER/LOWER FLAMMABILITY LIMITS: NA
 UPPER/LOWER EXPLOSIVE LIMITS: 6%/1% (Minersal spirits)
 VAPOR PRESSURE: 2.0 mmHg @ 68F
 VAPOR DENSITY: 4.9 (Air = 1)
 RELATIVE DENSITY: 6.8 LB/GAL
 SOLUBILITY: Soluble in hydrocarbon solvents Not 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

Naphthalene is listed as carcinogenic by IARC and NTP

This product contains no other ingredients at or about 0.1% that are listed by NTP, IARC, or OSHA as carcinogens. Ingredient(s) in this product are harmful to the fetus.

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 when shipped by land	NA	NA	-	

SECTION 15: REGULATORY INFORMATION

RTK Ingredients : Mineral spirits, regular (8052-41-3), Solvent naphtha, heavy aromatic (64742-94-5), Naphthalene (91-20-3), Trimethylbenzene 1,2,4 (95-63-6)

SECTION 16: OTHER INFORMATION

NFPA 704

HAZARD RATING

4=Severe H=Health H=2

3=Serious F=Fire F=2

2=Moderate R=Reactivity R=0

1=Slight

0=Minimal

Prepared: February 11, 2015

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