

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: UNI-SOLV
 PRODUCT NO: TM066
 RECOMMENDED USE: Automotive Detailer's Solvent

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 eye and skin irritation. Harmful if inhaled. May cause drowsiness or dizziness. May cause respiratory irritation. May be fatal if swallowed and enters airways. Extremely flammable liquid and vapor.

Wear protective gloves and eye protection. Avoid breathing 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. Use only non-sparking tools.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists get medical attention.

If on skin: Wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. 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 foam/carbon dioxide/regular dry chemical 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 %
Solvent Naphtha Light Aliphatic	64742-89-8	30-40**
Toluene	108-88-3	30-40**
Xylene	1330-20-7	20-30**
Ethyl benzene	100-41-4	10-15**

*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. If irritation persists get medical attention.

If on skin: Wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. 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: Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, static discharge or other ignition sources.

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 (ppm or *mg.M ³) +=skin, c=ceiling	ACGIH (ppm or *mg.M ³) +=skin, c=ceiling
Solvent Naphtha Light Aliphatic	64742-89-8	500 - TWA	300 - TWA
Toluene	108-88-3	200 - TWA	20 - TWA
Xylene	1330-20-7	100 - PEL	100 - TWA
Ethyl Benzene	100-41-4	100 - PEL	100 - TWA

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: Colorless liquid
 ODOR: Solvent odor
 ODOR THRESHOLD: NA
 pH: NA
 MELTING/FREEZING POINT: NA
 BOILING POINT: APPROX NA
 BOILING RANGE: 185F/85C
 FLASH POINT (CC): 50F/10C
 EVAPORATION RATE: 1 ethyl ether
 FLAMMABILITY: Flammable
 UPPER/LOWER FLAMMABILITY LIMITS: NA
 UPPER/LOWER EXPLOSIVE LIMITS: 8%/1% (Mineral spirits)
 VAPOR PRESSURE: 227 hPa@ 100F
 VAPOR DENSITY: NA
 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

This product contains no ingredients at or about 0.1% that are listed by NTP, IARC, or OSHA as carcinogens. In laboratory animals, exposure to ingredients in this product has caused damage to kidneys. Intentional inhalation abuse can damage the brain, central nerve system, peripheral nervous system, vision, hearing, liver, kidneys, heart and blood.

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	UN1993	Flammable Liquid, N.O.S. (Toluene, aliphatic petroleum distillates)	3	II	-	

SECTION 15: REGULATORY INFORMATION

RTK Ingredients : Solvent Naphtha Light Aromatic (64742-89-8), Toluene (108-88-3), Xylene (1330-20-7), Ethyl Benzene (100-41-4)

SECTION 16: OTHER INFORMATION

NFPA 704

HAZARD RATING

4=Severe H=Health H=2
 3=Serious F=Fire F=3
 2=Moderate R=Reactivity R=0
 1=Slight
 0=Minimal

Prepared: January 2, 2015

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Neither this data sheet nor any statement contained herein grants or extends any license, expressed or implied, in connection with patents issued or pending which maybe the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer or his agent based on its own studies and on the work of others. Neither the manufacturer nor his agent makes any warranty, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. Neither the manufacturer nor his agent shall be held liable (regardless of fault) to the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information. Data is supplied for use only in connection with occupational safety and health.