

## SAFETY DATA SHEET

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: SUPER YELLOW  
 PRODUCT NO: TM022  
 RECOMMENDED USE: Car Wash Detergent Powder

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. Harmful if swallowed or inhaled.

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

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 immediately contaminated clothing and wash it before reuse. Rinse skin with water. Immediately call a doctor.

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

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

Store locked up.

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

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

INGREDIENT	CAS #	WEIGHT %
Sodium carbonate	497-19-8	40-50**
Sodium metasilicate pentahydrate	6834-92-0	30-40**
Surfactant**	NA	7-12**
Tetrasodium EDTA tetrahydrate	6834-92-0	5-10**

\*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 immediately contaminated clothing and wash it before reuse. Rinse skin with water. Immediately call a doctor.

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

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 <sup>3</sup> ) +=skin, c=ceiling	ACGIH TLV (ppm or *mg.M <sup>3</sup> ) +=skin, c=ceiling

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: Yellow powder

ODOR: Mild odor

ODOR THRESHOLD: NA

pH: 13 (1% solution)

MELTING/FREEZING POINT: Approx. NA

BOILING POINT: APPROX NA

BOILING RANGE: NA

FLASH POINT (CC): NA

EVAPORATION RATE: NA

FLAMMABILITY: Not flammable nor combustible

UPPER/LOWER FLAMMABILITY LIMITS: NA

UPPER/LOWER EXPLOSIVE LIMITS: NA

VAPOR PRESSURE: NA

VAPOR DENSITY: NA

RELATIVE DENSITY: NA

SOLUBILITY: Soluble in Water

PARTITION COEFFICIENT: N-OCTANOL/WATER: NA

AUTO-IGNITION TEMPERATURE: NA

DECOMPOSITION TEMPERATURE: NA

VISCOSITY: NA

**SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY: Stable

CHEMICAL STABILITY: Stable

POSSIBILITY OF HAZARDOUS REACTIONS: Low.

INCOMPATIBLE MATERIALS: Avoid acids, 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.

**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: Sodium carbonate (497-19-8) Sodium metasilicate pentahydrate (6834-92-0), Surfactant (NA), Tetrasodium EDTA tetrahydrate (64-02-8)

**SECTION 16: OTHER INFORMATION**

NFPA 704

HAZARD RATING

4=Severe      H=Health      H=3

3=Serious      F=Fire      F=0

2=Moderate      R=Reactivity      R=1

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.