

1. Identification	
Product Name(Identifier)	TST Car Wash Super Concentrate
Manufacturer	Total Systems Technology Inc.
Address	65 Terence Drive, Pittsburgh, PA 15236
Phone Number	412-653-7690
Emergency Phone Number	800-245-4838
Recommended Use	Automotive Cleaner
Restrictions on Use	Not for use on skin

2. Hazard Identification	
Classification (29 CFR 1910)	Hazardous
Hazard Statements	H303: May be harmful if swallowed H312: Harmful in contact with skin H318: Causes serious eye damage H333: May be harmful if inhaled
Precautionary Statements	P103: Read label before use P262: Do not get in eyes, on skin, or on clothing P272: Contaminated work clothing should not be allowed out of the workplace P273: Avoid release to the environment P281: Use personal protective equipment as required
Signal Word	Warning

Pictograms

Irritant	Health Haz.
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3. Composition/ Information on Ingredients	
Substances (Synonyms)	%
Active 14 (Anionic Surfactants)	10-25%
Active 16 (Nonylphenol Ethoxylate)	25-50%
Active CA	1-5%
Water	25-50%

Formaldehyde	1-5%
Trade Secret Claims	The exact concentration of these ingredients are being withheld in accordance with the OSHA 1910.1200 (i).

4. First Aid Measures	
Symptoms	Irritant to skin, eyes, and if ingested. Possible irritation to respiratory tract if prolonged exposure to large dose.
Required Treatment	<p>SKIN: Flush skin thoroughly with water. Remove and wash clothing before reuse</p> <p>EYE: Flush eyes with a large amount of water for at least 15 minutes. Get prompt medical attention.</p> <p>ORAL: If swallowed, dilute by giving 2 glasses of water to drink. See physician.</p> <p>INHALATION: Move subject to fresh air. Give artificial respiration if breathing has stopped.</p> <p>ADDITIONAL: Never give anything by mouth to an unconscious person.</p>

5. Fire-fighting Measures	
Extinguishing Techniques	Foam, CO2, dry chemical, water spray.
Proper Equipment	Wear respirator (pressure-demand, self-contained breathing apparatus) and full protective gear
Chemical Hazards from Fire	Explosive mixtures may form by compounding with strong oxidizing and reducing agents
Not acceptable Techniques	N/A

6. Accidental Release Measures	
Emergency Procedures	Dike and contain spill with inert material. Scoop or shovel solid material into suitable container for recovery or disposal.
Emergency Equipment	
Proper method of cleanup	Dispose at authorized waste site in accordance with Local, State, and Federal regulations

7. Handling and Storage

Precautions for Safe Handling	Avoid excessive heat. Wear gloves. Do not eat, smoke or drink while working with material. Use in well ventilated area.
Precautions for Safe Storage	Avoid excessive heat. Store upright in tightly sealed container at room temperature. Avoid sunlight.
Incompatibilities	Strong oxidizing and reducing agents.

8. Exposure Controls/ Personal Protective Equipment

OSHA PEL	Active 14= Not determined Active 16= Not determined Active CA= Not determined Formaldehyde=3 ppm TWA
NIOSH REL	Active 14= Not determined Active 16=Not determined Active CA= Not determined Formaldehyde= Not determined
ACGIH TLV	Active 14= 5mg/m ³ Active 16= Not determined Active CA= Not determined Formaldehyde= 1 ppm
Appropriate Engineering Controls	Use adequate ventilation such as local exhaust. Eye Wash Station within 10 second walk.
Personal Protective Equipment	
Gloves	Hands: Chemically impervious gloves. Skin: Long Sleeves and long pants. Eyes: Splash Resistant goggles. Respirator: If no ventilation and in case of large spills, use a half mask respirator with organic filters.

9. Physical/Chemical Properties

Appearance	Pale Blue, viscous liquid
Odor	mild
Odor Threshold	N/A
pH	7.4
Flash Point	>200
Melting Point/Freezing Point	Not Available
Initial Boiling/ Freezing Point	Not Determined
Flammability (solid/gas)	N/A
Upper Flammability/Explosive Limits	N/A
Vapor Pressure	Not determined
Vapor Density	> 1
Evaporation Rate	< 1
Relative Density	1.07

Water Solubility	Complete
Partition Coefficient	Not Available
Decomposition Temperature	Not Available
Viscosity	> water
Explosive Properties	N/A
Oxidizing Properties	N/A

10. Stability/ Reactivity

Reactivity	Stable
Chemical Stability	Stable
Possibility of Hazardous Reactions	oxidizers

11. Toxicological Information

Acute Toxicity	Not determined
Inhalation	Not determined
Oral	Although low in toxicity, ingestion may irritate mouth, esophagus, stomach, etc.
Skin Corrosion/Irritation	Prolonged skin contact may cause irritation
Serious Eye Irritation	May irritate eyes
Respiratory or skin sensitization/ mutagenicity	Not a mutagen
Carcinogenicity	Not a carcinogen
Reproductive Toxicity	N/A
Specific Target Organ-Single Exposure	N/A
Specific Target Organ- Repeated Exposure	N/A
Aspiration Hazard	N/A

12. Ecological Information

Toxicity	Not determined
Persistence and Degradability	Not determined
Mobility in soil	Not determined

13. Disposal Considerations

Waste Treatment Methods	Dispose at authorized waste site in accordance with Local, State, and Federal regulations.
Contaminated Packaging	Not determined

14. Transport Information

DOT (US)	N/A
UN Number	N/A
UN Proper Shipping Name	N/A

Transport hazard class(es)	N/A
Packing group, if applicable	N/A
Environmental hazards (e.g., Marine pollutant (Yes/No)	Not determined
Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport	No

15. Regulatory Information	
All components listed on TSCA	

16. Other Information	
Preparation Date	10/6/2014
Revision Date	
Abbreviations	OSHA- Occupational Safety and Health Administration NIOSH- National Institute for Occupational Safety and Health ACGIH- American Conference of Governmental Industrial Hygienists PEL- Permissible Exposure Limit REL- Recommended Exposure Limit TLV- Threshold Limit Value STEL- Short Term Exposure Limit TWA- Time Weighted Average (8 hr/day). Ppm-parts per million Mg/m ³ - milligrams per meters cubed
Notice	Judgments as to the suitability of information herein for purchaser's purposes are the purchaser's responsibility. TST has taken reasonable care in preparing above information to be as accurate as possible. TST makes no warranties, representations, and assumes no responsibility to the suitability of such information and for the application of said product and the consequences that occur.