



Safety Data Sheet

Material Name: TFI PREMIUM WINDSHIELD WASHER FLUID CONCENTRATE
SUMMER BLEND

SDS ID: 820201

*** Section 1 - Identification ***

Product Identifier

TFI PREMIUM WINDSHIELD WASHER FLUID CONCENTRATE
SUMMER BLEND

Synonyms

None

Recommended Use

Dilute before use. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.

MIX RATIO: 125:1 (water:concentrate)

Restrictions on Use

None known.

Manufacturer Information

Thermo Fluids Inc.
2600 North Central Expressway, Suite 200
Richardson, Texas 75080

Phone: 1-800-669-5740

Emergency Phone: 1-800-468-1760

Issue Date

February 16, 2017

Supersedes

May 15, 2015

Original Issue Date

February 2012

*** Section 2 - Hazard(s) Identification ***

Classification in Accordance with 29 CFR 1910.1200.

Not classified under 29 CFR 1910.1200.

GHS LABEL ELEMENTS**Symbol(s)**

None needed according to classification criteria.

Signal Word

None needed according to classification criteria.

Hazard Statement(s)

None needed according to classification criteria.

Precautionary Statement(s)**Prevention**

None needed according to classification criteria.

Response

None needed according to classification criteria.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

Dispose of in accordance with all applicable federal, state and local regulations.

Hazard(s) Not Otherwise Classified

Breathing large amounts can be harmful. May cause mild eye or skin irritation. May be harmful if swallowed.

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*** Section 3 - Composition / Information on Ingredients ***

CAS	Component	Percent
---	Mixture	---

Contains no hazardous ingredients as defined by the Canadian Hazardous Products Act or by OSHA 29 CFR 1910.1200.

*** Section 4 - First Aid Measures ***

Description of Necessary Measures

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if needed.

Skin

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if needed.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention, if needed.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms/Effects

Acute

No information on significant adverse effects.

Delayed

No information on significant adverse effects.

Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

Treat symptomatically and supportively.

*** Section 5 - Fire-Fighting Measures ***

Suitable Extinguishing Media

Use extinguishing media suitable for surrounding fire.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Chemical

None known.

Hazardous Combustion Products

Oxides of carbon at extremely high temperature.

Special Protective Equipment and Precautions for Firefighters

None.

Fire Fighting Measures

Fight fire to address surrounding materials.

NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Personal Precautions, Protective Equipment and Emergency Procedures

None required.

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Methods and Materials for Containment and Clean Up

Contain spill.

*** Section 7 - Handling and Storage ***

Precautions for Safe Handling

Treat as water.

Conditions for Safe Storage, Including Any Incompatibilities

None known. Treat as water.

Incompatibilities

None known.

*** Section 8 - Exposure Controls / Personal Protection ***

Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Appropriate Engineering Controls

Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits.

Individual Protective Measures, such as Personal Protective Equipment

Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: Safety glasses, Gloves, Lab coat or apron.

Eyes/Face Protection

Safety glasses with side shields should be worn at a minimum. Additional protection such as goggles, face shields, or respirators may be needed depending upon anticipated use and concentrations of mists or vapors. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. Contact lens use is not recommended.

Skin Protection

Wear appropriate impermeable gloves.

Respiratory Protection

None required under normal conditions of use.

*** Section 9 - Physical & Chemical Properties ***

Appearance/Odor : Clear, blue liquid. No odor.

pH: 6-8

Odor Threshold: Not available.

Boiling Point: As water.

Melting Point: Not available.

Solubility (H2O): Completely soluble.

Specific Gravity: 1 (water = 1)

Density: Not available.

Octanol/H2O Coeff.: Not available

Evaporation Rate: As water.

Molecular Weight: Not applicable.

LFL: NA

Auto Ignition Temperature: Not available.

UFL: NA

Flash Point: 146°F

Vapor Pressure: As water.

Viscosity: Not available.

Other Property Information

No information is available.

*** Section 10 - Stability & Reactivity ***

Reactivity

No reactivity hazard is expected.

Chemical Stability

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Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions

Will not polymerize.

Conditions To Avoid

None.

Incompatible Materials

None known.

Hazardous Decomposition Products

None under normal temperatures and pressures.

* * * Section 11 - Toxicological Information * * *

Toxicity Data and Information

Component Analysis - LD50/LC50

No data available for this product.

Information on Likely Routes of Exposure

Inhalation

Breathing large amounts can be harmful.

Ingestion

May be harmful if swallowed.

Skin Contact

May cause mild skin irritation.

Eye Contact

May cause mild eye irritation.

Immediate Effects

No information on significant adverse effects.

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity

May cause slight skin, eye, or respiratory irritation.

Respiratory Sensitization

No information available for the product.

Skin Sensitization

No information available for the product.

Carcinogenicity

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Germ Cell Mutagenicity

No information available for the product.

Teratogenicity

No information available for the product.

Reproductive Effects

No epidemiological data is available for this product.

Specific Target Organ Effects - Single Exposure

No information on significant adverse effects.

Specific Target Organ Effects - Repeated Exposure

No information on significant adverse effects.

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Aspiration Hazard

No data available.

Medical Conditions Aggravated by Exposure

Individuals with pre-existing respiratory tract (nose, throat, and lungs), central nervous system, eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

*** Section 12 - Ecological Information ***

Ecotoxicity

No information available for the product.

Component Analysis - Ecotoxicity - Aquatic Toxicity

No information available for the product.

Persistence and Degradability

No information available for the product.

Bioaccumulation Potential

No information available for the product.

Mobility in Soil

No information available for the product.

Other Adverse Effects

No additional information is available.

*** Section 13 - Disposal Considerations ***

Disposal Methods

Dispose in accordance with federal, state, provincial and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Thermo Fluids regarding proper recycling or disposal.

This product, if discarded, is not expected to be a characteristic or listed hazardous waste. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.

*** Section 14 - Transport Information ***

Emergency Response Guide Number

Not applicable.

Transportation Regulations

DOT Shipping Name: Not regulated as a hazardous material for transportation.

TDG Shipping Name: Not regulated as a dangerous good for transportation.

*** Section 15 - Regulatory Information ***

Volatile Organic Compounds (As Regulated)

Not available.

Federal Regulations

SARA 302/304

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA 311/312 Hazardous Categories

Acute Health: No **Chronic Health:** No **Fire:** No **Pressure:** No **Reactive:** No

SARA Section 313

Component Analysis

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This product does not contain any "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

CERCLA

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

TSCA Inventory

All the components of these products are listed on, or are automatically included as "naturally occurring chemical substances" on, or are exempted from the requirement to be listed on, the TSCA Inventory.

U.S. State Regulations

No component(s) are listed under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).

Canadian Regulations

These products have been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

Canadian WHMIS Information

Not regulated.

Component Analysis – WHMIS IDL

Not regulated.

*** Section 16 - Other Information ***

Revision Information

Section 1.

Key/Legend

ACGIH - American Conference of Governmental Industrial Hygienists; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania*; CAS - Chemical Abstracts Service; CFR - Code of Federal Regulations (US); CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CPR - Controlled Products Regulations; DOT - Department of Transportation; DSL - Domestic Substances List; EPA - Environmental Protection Agency; F - Fahrenheit; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NDSL – Non-Domestic Substance List (Canada); NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; OSHA - Occupational Safety and Health Administration; PEL- Permissible Exposure Limit; RCRA - Resource Conservation and Recovery Act; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; WHMIS - Workplace Hazardous Materials Information System (Canada).

Disclaimer

User assumes all risks incident to the use of this (these) product(s). To the best of our knowledge, the information contained herein is accurate. However, Thermo Fluids assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which information refers. The data contained on this sheet apply to the product(s) as supplied to the user.

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