

# MATERIAL SAFETY DATA SHEET

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## MATERIAL IDENTIFICATION

NAME: Trans Flush ® /Transmission Flush #17001/#1001 14 oz  
MANUFACTURER: Life Automotive Products, Inc.®  
EMERGENCY TELEPHONE: 800-525-6816/Chemtrec 800 424 9300  
PREPARED BY: R. LeVasseur  
DATE PREPARED: April 20, 2006

## SECTION 1: GENERAL INFORMATION

PROPER SHIPPING NAME (49CFR 172.101) : Consumer Commodity  
D.O.T. HAZARD CLASS (49CFR 172.101) : ORM-D  
GENERIC DESCRIPTION: Aerosol Cleaning Compound

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## SECTION 2: HAZARDOUS INGREDIENTS\*

<u>MATERIAL</u>	<u>CAS#</u>	<u>%</u>	<u>TWA</u>	<u>STEL</u>
Sodium Silicate	134-09-8	not listed	not est.	not est.
Dimethyl Ether	115-10-6	>28.0%	1000 ppm, 8 & 12 hr.	

\*Hazardous within the meaning of '29 CFR 1910.1200'

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## SECTION 3: EFFECTS OF OVEREXPOSURE

EYES: May cause temporary discomfort.

SKIN: May cause mild skin irritation.

ACUTE INHALATION: Slight irritation to respiratory passages.

ORAL: Amounts transferred to the mouth by fingers, etc., during normal operations should not cause injury.

SYSTEMIC & OTHER EFFECTS: None known.

CARCINOGENICITY: NTP Not listed  
IARC monographs Not listed  
OSHA Not listed  
AGIH Not listed

COMMENT: Unnecessary exposure to this product, or any chemical should be avoided.

#### SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

EYES: Wash repeatedly with cold water. Get medical attention if irritation persists.

SKIN: Wash skin with soap and water; remove contaminated clothing.

INHALATION: Remove to fresh air.

ORAL: Call a physician or Poison Control Center. DO NOT INDUCE VOMITING because of aspiration hazard.

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#### SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT: not EST.

FLAME EXTENSION: not EST.

AUTOIGNITION: not EST.

FLAMMABILITY LIMITS IN AIR: % by vol.: UPPER: not EST. LOWER: not EST.

UNUSUAL FIRE OF EXPLOSION HAZARDS: At temperatures above 130 degrees F, containers may rupture.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Firefighters should use protective shielding to avoid being hit by rupturing containers.

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#### SECTION 6: PHYSICAL DATA

BOILING POINT (F): 210F

SPECIFIC GRAVITY OF CONCENTRATE: 1.04

VAPOR PRESSURE : not EST

PERCENT VOLATILE BY VOLUME: 40

SOLUBILITY IN WATER: Miscible

EVAPORATION RATE (WATER=1): not EST.

APPEARANCE & ODOR: Florescence green, clear liquid with a solvent odor.

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#### SECTION 7: REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Products of combustion are principally carbon dioxide, carbon monoxide, and water.

CONDITIONS TO AVOID: Do not store above 130F. Do not store near open flame.

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## SECTION 8: SPILL, LEAK AND DISPOSAL PROCEDURES

**SPILL RESPONSE:** Remove ignition sources. Use absorbent material to collect and contain for salvage or disposal. Ventilate area.

This product contains no CERCLA listed chemical.

### PROTECTIVE EQUIPMENT:

**EYES:** Use proper protection –safety glasses as a minimum.

**SKIN:** Wash hands after handling material.\*

**INHALATION:** No respiratory protection required when used according to label directions.

**WASTE DISPOSAL METHOD:** Empty containers may be discarded in trash. Full or leaking containers should be taken to a local disposal company for treatment or incineration. LIFE AUTOMOTIVE PRODUCTS suggests that all local, state and federal regulations concerning health and pollution be reviewed to determine approved disposal procedures. Do not contaminate water, food or feed by storage or disposal.

\*Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

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## SECTION 9: ROUTINE HANDLING PRECAUTIONS

**PROTECTIVE EQUIPMENT:** None required.

**SKIN:** Avoid skin contact. Wash hands after using product.\*

**INHALATION:** Use only in a well-ventilated area.

**VENTILATION:** No special ventilation required when used according to label directions.

**COMMENTS:** Use only at normal room temperatures. Do not spray towards face. Avoid skin contact. Do not puncture or incinerate.

\*Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

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## SECTION 10: SPECIAL PRECAUTIONS

**HANDLING & STORAGE:** Do not store above 130 degrees F. Do not store near open flames.

OTHER PRECAUTIONS: Read and follow directions on product label.

REGULATORY REQUIREMENTS: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986(SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate health (acute)  
Sudden release of pressure

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
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This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the lonely hazards that exist.