

129-008

# SAFETY DATA SHEET

U.S. HazCom GHS Format



Date Prepared : 06/30/2015  
MSDS No : TAF-TF310

## TAF Transmission System Flush

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** TAF Transmission System Flush  
**GENERAL USE:** System Flush  
**PRODUCT DESCRIPTION:** Transmission System Flush  
**PRODUCT CODE:** TF-310  
**PRODUCT FORMULATION NAME:** Transmission System Flush  
**GENERIC NAME:** Transmission Flush

TF310

#### MANUFACTURER

SMB International, LLC  
121 Highway 36  
STE 180  
West Long Branch, NJ 07764  
**Emergency Contact:** Responder (ESP Consulting LLC)  
**Emergency Phone:** 1-877-756-4666  
**Customer Service:** 732-222-4888  
**Transportation:** 732-222-4888 Ext.100  
**E-Mail:** msds@smbinternational.com

#### DISTRIBUTOR

KENVO TECHNOLOGY, INC  
TENARANA AUTOMOTIVE FLUIDS  
11543 160ST NW  
CANADA  
EDMONTON, AB T5M 3V9  
**Emergency Contact:** Alyssa Fowler  
**Customer Service:** 1-520-560-4766  
**E-Mail:** alyssa@kenvo.com

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Poison Control Center (Medical) :** (877) 800-5553  
**CANUTEC (Canadian Transportation) :** (613) 996-6666  
**CHEMTREC (US Transportation) :** (800) 424-9300

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Aspiration Hazard, Category 1  
Skin Irritation, Category 2

##### Environmental:

Serious Eye Damage, Category 2B

#### GHS LABEL



Exclamation  
mark



Health  
hazard

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H320: Causes eye irritation.

### PRECAUTIONARY STATEMENT(S)

#### Prevention:

P102: Keep out of reach of children.

P103: Read label before use.

#### Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P338: Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of water/...

P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+P311: IF exposed or concerned: Call a POISON CENTER/doctor/...

#### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

#### Disposal:

P501: Dispose of contents: All disposal practices must be in accordance with local, state, national and international regulations.

### POTENTIAL HEALTH EFFECTS

**EYES:** Contact causes severe eye irritation.

**SKIN:** Defatting to the skin.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Gasoil - Unspecified - Distillates (petroleum), Hydrotreated Middle	~ 90 - 100	64742-46-7
Nonhazardous Components or mixture	~ 0 - 10	

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Immediately remove all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. If irritation develops or persists seek medical attention. Wash contaminated clothing before re-use.

**INGESTION:** Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**INHALATION:** Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Burning. Red eyes. Tearing.

**SKIN:** Contact may cause skin irritation.

**NOTES TO PHYSICIAN:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use carbon dioxide, dry chemical, or water fog. Do Not use water jet. Burning liquid may float on water

**HAZARDOUS COMBUSTION PRODUCTS:** Hazardous decomposition products: Carbon Oxides and Formaldehyde.

**OTHER CONSIDERATIONS: Unsuitable extinguishing media:** Do not use water jet.

**FIRE FIGHTING PROCEDURES:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. Water spray may be used to keep fire exposed containers cool.

**FIRE FIGHTING EQUIPMENT:** Respiratory and eye protection are required for fire fighting personnel. Full protective equipment (Bunker Gear) and self contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of a SCBA may not be required.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Contain spilled material. Collect in suitable and properly labeled containers. Pick up excess with inert absorbent material. Keep away from drains and ground water.

**LARGE SPILL:** Always employ the proper personal protective equipment. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas through the use of berms. Collect liquid with explosion proof pumps if possible. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Fluorocarbon alcohol resistant foams may be applied to spill to diminish vapor and fire hazard.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Depending on the size of the spill and the movement characteristics of the water into which it entered, consider use of booms, underflow or overflow dams. Diversion of the material is also an option. Mechanical skimmers, pads and other absorbent materials may be considered as well.

**LAND SPILL:** Construct temporary dikes of dirt, sand, or any appropriate readily available noncombustible (sawdust) material to prevent spreading of the material.

**GENERAL PROCEDURES:** Eliminate all ignition sources. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. For Large Spills: Use water spray to disperse vapors and dilute spill to a nonflammable mixture. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.

**SPECIAL PROTECTIVE EQUIPMENT:** After assessing the remedial steps to be taken and the risk of exposure, employ appropriate personal protective equipment (see Sec. 8).

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** No special handling procedures are required. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid breathing spray or mist.

**HANDLING:** Handle and use in a manner consistent with good industrial/manufacturing techniques and practices. Open and handle with care. Do not handle near heat, sparks, or flames. Avoid contact with incompatible agents. Use with adequate ventilation/personal protection. Do not enter storage area that is not adequately ventilated. Metal containers used in a transfer should be bonded and grounded. Use non-sparking tools. Observe good personal hygiene after handling this material.

**STORAGE:** Keep container tightly closed in a dry, cool and well-ventilated place.

**COMMENTS:** Keep away from sources of ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** If vapors, or mists are generated, provide local exhaust ventilation to prevent airborne exposure. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94)

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear chemical splash goggles and face shield when eye and face contact is possible due to splashing or spraying of material. Maintain eye wash fountain and quick-drench facilities in work area.

**SKIN:** To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

**RESPIRATORY:** Under normal use conditions, respirator is not usually required. Use disposable dust/mist mask if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and for large spill clean-up sites.

**PROTECTIVE CLOTHING:** Long sleeved clothing should always be considered when handling chemical substances.

**WORK HYGIENIC PRACTICES:** Good personal hygiene practices should always be followed. Keep away from food, drink and animal feeding stuffs. When using, do not eat, drink or smoke. Hands and any other exposed area should be washed thoroughly with soap and water after contact. Regular laundering of contaminated clothing is essential to reduce indirect skin contact.

**OTHER USE PRECAUTIONS:** Keep away from sources of ignition.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Characterist, Mild Petroleum

**APPEARANCE:** Clear Liquid

**COLOR:** Colorless to Amber Liquid.

**FLASH POINT AND METHOD:** 129.4°C (264.9°F) Open cup (Cleveland)

**BOILING POINT:** (485°F)

**FREEZING POINT:** -10 pour point

**SOLUBILITY IN WATER:** Insoluble

**SPECIFIC GRAVITY:** 0.85 to 0.86 (Water = 1.00)

**VISCOSITY #1:** ~ 3.5 to 4.0 SUS at (104°F)

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Material will not polymerize.

**STABILITY:** This product is stable under storage at normal ambient temperatures.

**CONDITIONS TO AVOID:** Heat, Flames and Sparks. Avoid contact with oxidizers, strong acids and excessive heat. See also section 7.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**INCOMPATIBLE MATERIALS:** Avoid Strong Oxidizing Agents

## 11. TOXICOLOGICAL INFORMATION

**ACUTE**

**DERMAL LD<sub>50</sub>:** > 2000 mg/kg (Rabbit)

**Notes:** Repeated skin contact with this product may cause dermatitis or an oil acne.

**ORAL LD<sub>50</sub>:** > 5000 mg/kg (Rat)

**Notes:** Based on data from components or similar materials. Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain. Ingestion may cause CNS depression. Material can be aspirated into the lungs during the act of swallowing or vomiting. This could result in pulmonary edema and chemical pneumonitis.

**EYE EFFECTS:** Direct contact may cause eye irritation with redness, tearing and pain.

**SKIN EFFECTS:** Causes skin irritation with redness, itching and burning of the skin. Prolonged and/or repeated contact may produce defatting and possible dermatitis.

**CARCINOGENICITY**

**IARC:** Not Listed by IARC

**NTP:** Not Listed by NTP

**OSHA:** Not Listed by OSHA

**Notes:** Contains no ingredient listed as a carcinogen.

**REPEATED DOSE EFFECTS:** Severe defatting of the skin.

**IRRITATION:** May be irritating to eyes and skin.

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** Do not allow to enter into surface water or drains.

**ECOTOXICOLOGICAL INFORMATION:** Avoid exposing to the environment, no specific aquatic data available.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Disposal must comply with federal, state, and local disposal or discharge laws.

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not regulated.

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Not regulated.

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

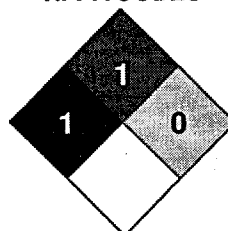
**311/312 HAZARD CATEGORIES:** NA = Not Applicable

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**CALIFORNIA PROPOSITION 65:** This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**16. OTHER INFORMATION****REASON FOR ISSUE:** GHS SDS Format**APPROVED BY:** Scott Margulis    **TITLE:** Chief Operating Officer**PREPARED BY:** Scott Margulis    **Date Prepared:** 06/30/2015**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>1</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	<b>B</b>

**NFPA CODES**

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