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SAFETY DATA SHEET

WORKING COPY
EU GHS Format



Date Prepared : 4/17/2015
MSDS No : EF-710

TAF INTERNAL ENGINE CLEANER

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TAF INTERNAL ENGINE CLEANER
GENERAL USE: Cleaning Agent
PRODUCT DESCRIPTION: Engine Treatment
PRODUCT CODE: EF-710
PRODUCT FORMULATION NAME: INTERNAL ENGINE FLUSH
GENERIC NAME: MOTOR FLUSH

EF710-1L

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

COMMENTS:

Emergency Contact: Responder ESP Consulting, LLC (877-756-4666)

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

- Aspiration Hazard, Category 1
- Serious Eye Damage, Category 2B
- Skin Corrosion, Category 2
- Skin Irritation, Category 2

GHS LABEL



Health hazard



Exclamation mark

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H304: May be fatal if swallowed and enters airways.

H320: Causes eye irritation.

H315: Causes skin irritation.

PRECAUTIONARY STATEMENT(S)

Response:

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

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

POTENTIAL HEALTH EFFECTS

EYES: Contact causes severe eye irritation.

SKIN: Defatting to the skin.

INHALATION: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

ROUTES OF ENTRY: Skin, inhalation and ingestion

IRRITANCY: May cause irritation to the eyes, skin and respiratory system.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%
Nonhazardous Components or mixture	100

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: NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

INHALATION: Move the exposed person to fresh air at once. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Burning. Red eyes. Tearing.

SKIN: Contact causes skin irritation.

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: Oxides of Carbon.

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.

SENSITIVITY TO IMPACT: Low sensitivity to impact.

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: Absorb on diatomaceous earth or equivalent inert material. Shovel up and dispose of at an appropriate waste disposal facility according to current applicable laws and regulations, and product characteristics at time of 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: Use with sufficient ventilation to keep employee exposure below recommended limits.

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: Store in a well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed. The floor of the storage room must be impermeable, non-oxidizing and with contention dikes to retain the product in case of leakage. Store in adequate storage tanks placed in containment basin to retain product in case of leakage.

COMMENTS: Do not store empty containers. Do not perform any operation on an empty drum that could create a spark or generate heat. Keep out of the reach of children.

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.

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)

SOLUBILITY IN WATER: No

10. STABILITY AND REACTIVITY

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

CONDITIONS TO AVOID: Avoid all possible sources of ignition (spark or flame).

INCOMPATIBLE MATERIALS: Avoid Strong Oxidizing Agents

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This material may cause significant irritation to the eyes.

SKIN EFFECTS: Material is a defatting agent and may result in soreness, inflammation and possible dermatitis.

CARCINOGENICITY

IARC: Not Listed by IARC

NTP: Not Listed by NTP

OSHA: Not Listed by OSHA

REPEATED DOSE EFFECTS: Severe defatting of the skin.

IRRITATION: Yes

TERATOGENIC EFFECTS: No

MUTAGENICITY: No

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.

FOR LARGE SPILLS: Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations.

PRODUCT DISPOSAL: Collect in appropriate containers. Dispose of waste at an appropriate waste disposal facility in accordance with current applicable laws and regulation, and product characteristics at time of disposal.

EMPTY CONTAINER: Do not re-use empty container. Empty container should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated.

VESSEL (IMO/MDG)

TECHNICAL NAME: Not regulated.

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substances Control Act (TSCA).

16. OTHER INFORMATION

REASON FOR ISSUE: GHS SDS Format

APPROVED BY: Scott Margulis **TITLE:** Chief Operating Officer

PREPARED BY: SCOTT MARGULIS **Date Prepared:** 4/17/2015

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ADDITIONAL MSDS INFORMATION: Prepared by: Responder (ESP Consulting, LLC) 877-756-4666

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