

MATERIAL SAFETY DATA SHEET



Date Issued: 04/13/2010
MSDS No: FT EC

Full Throttle Internal Engine Cleaner

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Full Throttle Internal Engine Cleaner
PRODUCT DESCRIPTION: Flush
PRODUCT CODE: FT EC

MANUFACTURER

QMI, an ITW company
3606 Craftsman Blvd.
Lakeland, FL 33803
Customer Service: 863-655-3338

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Yellow liquid

IMMEDIATE CONCERNS: Warning! Combustible liquid and vapor. May affect the central nervous system causing dizziness, headache, or nausea. May be harmful if inhaled. May be harmful if swallowed. May cause eye irritation.

POTENTIAL HEALTH EFFECTS

EYES: Can cause severe eye irritation. Symptoms include stinging, tearing, redness, and swelling of the eyes. Can injure eye tissue.

SKIN: May cause mild skin irritation. Symptoms include redness and burning of skin.

INGESTION: Extremely irritating to the skin.

INHALATION: It is possible to breathe this material under certain conditions of handling and use. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable.

ROUTES OF ENTRY: Skin, Eyes, Ingestion, and Inhalation

CANCER STATEMENT: This material (and it's components) is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS	EINECS
Distillates (petroleum) Solvent Dewaxed Heavy Paraffins	50 - 100	64742-65-0	265-169-7
Stoddard Solvent	1 - 25	8052-41-3	232-489-3
2- Butoxyethanol	1 - 20	111-76-2	
Poly(oxy)-1,2-ethanediyl), Alpha-(dinonylphenyl)-omega-hydroxy	0.1 - 10	39464-64-7	

4. FIRST AID MEASURES

EYES: If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention.

SKIN: Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged seek immediate medical attention. If skin is not damaged and symptoms persist seek medical

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attention. Launder clothing before reuse.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: If inhaled move to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention immediately.

NOTES TO PHYSICIAN: This product may present an aspiration hazard. If spontaneous vomiting has occurred after ingestion, the patient should be closely monitored for difficult breathing, as adverse effects of aspiration into the lungs may be delayed up to 48 hours.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: 84°C (183°F) Pensky-Martens Closed Cup

FLAMMABLE CLASS: Combustible Liquid Class IIIA

EXTINGUISHING MEDIA: Carbon dioxide, dry chemicals, foam, water fog.

FIRE FIGHTING PROCEDURES: Fire fighters should wear positive pressure self-contained breathing apparatus (scba) and full turnout gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LARGE SPILL: For large spills, block spilled materials or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

GENERAL PROCEDURES: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

HANDLING: Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Keep container tightly closed. Keep container in a cool, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Stoddard Solvent	TWA	100	525	100	525
2- Butoxyethanol	TWA	50	240	20	

ENGINEERING CONTROLS: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

SKIN: Wear normal work clothing including long pants, long sleeved shirts and foot covering to prevent

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direct contact of the product with skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use. Wear resistant gloves. Discard gloves that show tears, pinholes, or signs of wear.

RESPIRATORY: Respiratory protection is usually not required. However, if operating conditions create airborne concentrations which exceed the recommended standards, the use of an approved respirator is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid.

ODOR: Mild. Petroleum.

COLOR: Light yellow.

FLASH POINT AND METHOD: 84°C (183°F) Pensky-Martens Closed Cup

VISCOSITY: 22.09 cSt @ 40C

10. STABILITY AND REACTIVITY

STABLE: Yes

POLYMERIZATION: Product will not undergo hazardous polymerization.

CONDITIONS TO AVOID: Strong oxidizing and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, hydrocarbons and nitrogen compounds

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)
Stoddard Solvent	> 5 g/kg	> 3 g/kg

GENERAL COMMENTS: This product does not contain any substances that are considered to be by OSHA, NTP, IARC, or ACGIH to be "probable" or "suspected" human carcinogens.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY (ACUTE): No data

CHEMICAL FATE INFORMATION: No data

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Place contaminated material in a disposable container and dispose off in a manner consistent with applicable regulations. Contact local environmental / health authorities for approved disposal.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: Contact QMI at 863-665-3338 to discuss specific transportation requirements.

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15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

FIRE: Yes **ACUTE:** Yes

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
2- Butoxyethanol	1 - 20	111-76-2

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Stoddard Solvent	8052-41-3

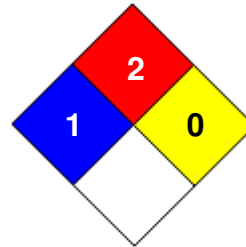
16. OTHER INFORMATION

REVISION SUMMARY: New MSDS

HMIS RATING

HEALTH:	*	1
FLAMMABILITY:		2
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:	C	

NFPA CODES



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