

MATERIAL SAFETY DATA SHEET

PAGE #: 1 OF 6

PRODUCT NAME: Torco Unleaded Accelerator

MSDS NUMBER:

PRODUCT CODE:

MSDS DATE: 4/01/2013

KEY NUMBER:

EMERGENCY PHONE #'s: 1-800-424-9300

TORCO RACE FUELS
2527 W DALLAS AVE
APACHE JUNCTION, AZ 85120
480-288-9385

HEALTH**2****Hazardous****FIRE****3****Flash Point: Below 100°F, 38°C****REACTIVITY****0****Stable****SPECIFIC****-**

1. IDENTIFICATION

☐ See Addendum:

Ref. PAGE:

Chemical Name: Torco Unleaded Accelerator

Chemical Family:

CAS #:

Chemical Formula:

CAS Name:

Molecular Weight:

Synonyms / Common Name:

DOT Information: UN1268 Petroleum distillates, n.o.s., 3, PG II

2. PHYSICAL DATA

☐ See Addendum:

Ref. PAGE:

Appearance: THIN LIQUID

Color: BROWNISH

State: LIQUID

Odor Characteristics: MILD HYDROCARBON ODOR

pH: NA

Viscosity: .56 CST @ 40°C (104°F)

Specific Gravity (Water = 1): 710 @ 60°F

Vapor Density (Air = 1): >2

Vapor Pressure: 2.07mmHg @ 38°C (100°F)

Melting Point: NDA

Boiling Point: 93.3°C (199.94°F) 104.4°C (219.9°F)

Flash Point: -10.5°C (13.1°F) (Tag Closed C)

Freezing Point:

Percent Volatility:

Evaporation Rate (BAC = 1): >1

Solubility in Water: Negligible

Solubility in Oil:

Solubility in Acetone:

3. INGREDIENTS

☐ See Addendum:

Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Isoalkanes 7-8	70024-92-9			50-99%
Methylcyclopentadienyl Manganese Tricarbonyl	121108-13-3			.01-10%
Solvent Naphtha, Heavy aromatic	64742-94-5			3-10%
Naphthalene	91-20-3			.01-5%

4. FIRE AND EXPLOSION HAZARD DATA

☐ See Addendum:

Ref. PAGE:

Flash Point: -10.5°C (13.1°F) (Tag Closed Cup)

Flammable Limits Lower 1
in Air % by volume: Upper

6.6

Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

Special Fire Fighting: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus.

Unusual Fire & Explosion Hazards: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids, and gases including carbon monoxide, carbon dioxide, and unidentified organic compounds will be evolved when this material undergoes combustion.

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5. HEALTH HAZARD DATA

☒ See Addendum:

PAGE #:

Threshold Limit Value:

Effects of Overexposure:

Inhalation:

Skin Contact:

Eye Contact:

Ingestion:

Delayed Effects:

Medical Conditions
Aggravated by Exposure

6. FIRST AID MEASURES

☐ See Addendum:

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Inhalation: Move the exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if breathing difficulties continue.

Skin Contact: To remove the material from skin, use soap and water. Discard contaminated clothing and shoes or thoroughly clean before reuse. Get medical attention if any symptoms develop.

Eye Contact: Flush eyes with running water immediately while holding the eyelids open. Remove contact lenses, if worn, after initial flushing, and continue flushing for at least 15 minutes. Get immediate medical attention.

Ingestion: If swallowed, do not induce vomiting. Give the person a glass of water or milk to drink and get immediate medical attention. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIAN:

7. REACTIVITY DATA

☐ See Addendum:

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Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions of

Incompatibility: May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.
(materials to avoid)

**Hazardous Combustion or
Decomposition Products** Carbon Oxides.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: No Data Available

8. SPILL OR LEAK PROCEDURES

☒ See Addendum:

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Actions to take for
Leaks & Spills

Waste Disposal Method:

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9. SPECIAL PROTECTION INFORMATION

☐ **See Addendum:** **Ref. PAGE:**

Respiratory Protection: Wear a NIOSH approved respirator that provides protection when working with this material if exposure to harmful levels of airborne material may occur, such as: Air-Purifying Respirator for Organic Vapors.

Eye Protection: Wear eye protection such as safety glasses, chemical goggles, or faceshields if engineering controls or work practices are not adequate to prevent eye contact.

Skin Protection: Wear impervious protective clothing to prevent skin contact. Selection of protective clothing may include gloves, apron, boots, and complete facial protection depending on operations conducted.

Other Clothing:

Other Equipment: Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

Engineering Controls: If user operations generate airborne material, use process enclosures, local exhaust ventilation, or other engineering controls to control exposure.

10. HANDLING AND STORAGE

☒ **See Addendum:** **Ref. PAGE:**

Special Precautions:

Other Precautions:

11. REGULATORY INFORMATION

☐ **See Addendum:** **Ref. PAGE:**

Workplace Classification:

12. TOXICOLOGICAL INFORMATION

☐ **See Addendum:** **Ref. PAGE:**

Acute Data: Acute Oral Toxicity: LD50 / rat / > 5000 mg/kg
Acute Dermal Toxicity: LD50 / rabbit / > 2000 mg/kg
Acute Inhalation Toxicity: LC50 / rat / 86.46 mg/l / 4 hour(s)

**Reproductive /
Teratology Data** NDA

13. ECOLOGICAL INFORMATION

☐ **See Addendum:** **Ref. PAGE:**

Fate in the Environment: Biodegradability: 28 day(s) / 74 % volume

14. DISPOSAL CONDITIONS

☒ **See Addendum:** **Ref. PAGE:**

Procedures:

15. TRANSPORTATION INFORMATION

☐ **See Addendum:** **Ref. PAGE:**

DOT Classification: UN1268 Petroleum distillates, n.o.s., 3, PG II

Warning Labels:

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16. OTHER INFORMATION

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ADDENDUM for Section - 5. HEALTH HAZARD DATA - Ref. Pg. 2

GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see Section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

ADDENDUM for Section - 8. SPILL OR LEAK PROCEDURES - Ref. Pg. 2

Protective Measures: Eliminate all sources of ignition in the vicinity of the spill or released vapor. If this material is released into the work area, evacuate the area immediately. Monitor area with combustible gas indicator. Wear appropriate personal protective equipment when cleaning up spills. Refer to Section 8.

Spill Management: Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible sorbent materials or pumping. All equipment used when handling the product must be grounded. A vapor suppressing foam may be used to reduce vapors. Use clean non-sparking tools to collect absorbed material. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

Reporting: U.S.A. regulations may require reporting spills of this material that could reach any surface waters. Report spills to local authorities and/or the National Response Center at (800) 424-8802 as appropriate or required.

ADDENDUM for Section - 10. HANDLING AND STORAGE - Ref. Pg. 3

READ AND OBSERVE ALL PRECAUTIONS ON PRODUCT LABEL . REFER TO PRODUCT LABEL OR MANUFACTURERS TECHNICAL BULLETINS FOR THE PROPER USE AND HANDLING OF THIS MATERIAL .

Precautionary Measures: This material presents a fire hazard. Liquid quickly evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 15°F. Do not breathe vapor or fumes.

General Handling Information: Avoid work practices that may release volatile components in the atmosphere. Local air pollution regulations should be consulted to determine if the release of volatile components is regulated or restricted in the area in which this material is used. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water.

Static Hazard: Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary but may not, by themselves, be sufficient. Review all operations, which have the potential of generating an accumulation of electrostatic charge and/or a flammable atmosphere (including tank and container filling, splash filling, tank cleaning, sampling, gauging, switch loading, filtering, mixing, agitation, and vacuum truck operations) and use appropriate mitigating procedures. For more information, refer to OSHA Standard 29 CFR 1910.106, 'Flammable and Combustible Liquids, National Fire Protection Association (NFPA 77), Recommended Practice on Static Electricity' (liquids, powders and dusts), and/or the American Petroleum Institute (API) Recommended Practice 2003, 'Protection Against Ignitions Arising Out of Static, Lightning, and Stray Currents' (liquids).
General Storage Information: Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. Empty containers retain product residue (solid, liquid, and/or vapor) and can be

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ADDENDUM for Section - 14. DISPOSAL CONDITIONS - Ref. Pg. 3

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

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