

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. This Standard must be consulted for specific requirements.

# U.S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTITY <i>(As Used on Label and List)</i> <b>SENTRY GASOLINE TREATMENTS</b>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
--	---

## Section I

Manufacturer's Name <b>Total Fuel Solutions LLC</b>	Emergency Telephone Number <b>911 for medical emergency</b> <b>727-521-6131 -- 8:00Am to 5:00 PM EST</b>
Address <i>(Number, Street, City, State, and ZIP Code)</i> <b>4442 N Morris Street</b>	Telephone Number for Information <b>727-521-6131</b>
<b>St Petersburg, FL, 33714</b>	Date Prepared <b>10/01/2007</b>
	Signature of Preparer <i>(optional)</i>

## Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% <i>(optional)</i>
<b>Carbitol®</b>	<b>50ppm</b>	<b>50ppm</b>	<b>N/A</b>	
<b>1-Hexanol</b>	<b>None determined</b>	<b>None determined</b>	<b>N/A</b>	
<b>Trade Secret</b>	<b>100ppm</b>	<b>20ppm</b>	<b>N/A</b>	
<b>Trade Secret</b>	<b>200ppm</b>	<b>200ppm</b>	<b>N/A</b>	
<b>Trade Secret</b>	<b>20ppm</b>	<b>20ppm</b>	<b>N/A</b>	
<b>Trade Secret</b>	<b>None Determined</b>	<b>None Determined</b>	<b>N/A</b>	

### Section III - Physical/Chemical Characteristics

Boiling Point	<b>250° F</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>.82</b>
Vapor Pressure (mm Hg.) 4mm/hg	<b>4mm/hg</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>2.70</b>	Evaporation Rate (Butyl Acetate = 1)	<b>.42</b>
Solubility in Water <b>Miscible in water</b>			
Appearance and Odor <b>Clear amber color with mild Alcohol like odor</b>			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) <b>Cleveland Open Cup</b>	<b>103°</b>	Flammable Limits <b>% by Volume</b>	LEL <b>1.1</b>	UEL <b>10.5</b>
Extinguishing Media <b>Use alcohol type foam for large fires. Dry Chemical, Carbon Dioxide for small fires.</b>				
Special Fire Fighting Procedures <b>Use water spray to cool fire exposed areas. Use self-contained breathing apparatus and protective clothing.</b>				
Unusual Fire and Explosion Hazards <b>Liquids and Vapors can be ignited from distant sources.</b>				

### Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable <b>XX</b>		<b>OPEN FLAME</b>
Incompatibility ( <i>Materials to Avoid</i> ) <b>Alkalis and Strong Mineral Acids</b>			
Hazardous Decomposition or Byproducts <b>Carbon Monoxide and / or Carbon Dioxide</b>			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur <b>XX</b>		<b>None</b>

## Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? <b>Vapors</b>	Skin? <b>Direct Contact</b>	Ingestion? <b>Swallowing</b>
Health Hazards ( <i>Acute and Chronic</i> )			
<b>Irritating to skin, eyes and respiratory tract. May cause nausea, vomiting, diarrhea, headaches, dizziness and narcosis.</b>			
Carcinogenicity:	NTP? <b>N/A</b>	IARC Monographs? <b>N/A</b>	OSHA Regulated? <b>N/A</b>
Signs and Symptoms of Exposure <b>Subject may appear to be intoxicated, (redness of eyes, poor balance, slurred speech.)</b>			
Medical Conditions Generally Aggravated by Exposure			
<b>Exposure may aggravate existing skin conditions and respiratory conditions.</b>			
Emergency and First Aid Procedures			
<b>Skin: Immediately wash with soap and water. Remove contaminated clothing. Get medical aid if irritation develops.</b>			
<b>Eyes: Immediately flush with water and get medical attention.</b>			
<b>Ingestion: Give 2 glasses water and get immediate medical assistance.</b>			
<b>Inhalation: Remove to fresh air. If breathing is difficult give Oxygen. Use mechanical CPR and call 911 for emergency assistance if unconscious.</b>			

## Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
<b>Wear protective clothing. Contain spills and absorb with appropriate material. Flush area and dry. Dispose of within local, state and federal laws.</b>
Waste Disposal Method
<b>Incinerate within local, state and federal laws.</b>
Precautions to Be taken in Handling and Storing

<p><b>Keep away from heat, sparks, and flames.</b>  <b>Keep containers closed and use in adequate ventilation</b>  <b>Keep out of reach of children.</b></p>
Other Precautions

**Section VIII - Control Measures**

Respiratory Protection ( <i>Specify Type</i> ) <b>Self-contained breathing apparatus.</b>		
Ventilation	Local Exhaust <b>Where vapors are concentrated in workplace.</b>	Special
	Mechanical ( <i>General</i> ) <b>Acceptable</b>	Other <b>N/A</b>

Protective Gloves <b>Butyl Rubber or equivalent</b>	Eye Protection <b>Goggles and Face Shield</b>
Other Protective Clothing or Equipment <b>Tyvek cover up, protective apron and shoes. Eye wash and shower available.</b>	
Work/Hygienic Practices <b>Keep all containers closed when not in use. Wash any skin areas with soap and water.</b>	

**Section IX - Special Precautions**

Precautions to be taken in Handling and Storing
Other Precautions

Each MSDS must be reviewed for correctness and completeness every three years.

Disclaimer:

**All information contained herein is compiled from sources believed dependable and is accurate to the best of the preparer's knowledge; however, no guarantee or warranty whatsoever is made, expressed or implied, of merchantability or fitness for any particular purpose, regarding the accuracy of such data or the results to be obtained from the use thereof. The onus for safe use of any chemical rests with the user, who must determine for himself the suitability for the product for any intended purpose. Use should not assume that no hazards or appropriate precautions exist other than those found in these pages. No information or suggestions contained herein shall be construed as a recommendation to infringe any patent.**