

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> SENTRY GASOLINE TREATMENTS	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.
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Section I

Manufacturer's Name Total Fuel Solutions Llc	Emergency Telephone Number 911 for medical emergency 727-521-6131 -- 8:00Am to 5:00 PM EST
Address <i>(Number, Street, City, State, and ZIP Code)</i> 4442 N Morris Street	Telephone Number for Information 727-521-6131
St Petersburg, FL, 33714	Date Prepared 04/14/2014
	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>
Carbitol®	50ppm	50ppm	N/A	
1-Hexanol	None determined	None determined	N/A	
Trade Secret	100ppm	20ppm	N/A	
Trade Secret	200ppm	200ppm	N/A	
Trade Secret	20ppm	20ppm	N/A	
Trade Secret	None Determined	None Determined	N/A	

Section III -Physical/Chemical Characteristics

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

Section IV -Fire and Explosion Hazard Data

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

Section V -Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable XX		OPEN FLAME
Incompatibility (<i>Materials to Avoid</i>) Alkalis and Strong Mineral Acids			

Hazardous Decomposition or Byproducts Carbon Monoxide and / or Carbon Dioxide			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur XX		None

Section VI -Health Hazard Data

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

Section VII -Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Wear protective clothing. Contain spills and absorb with appropriate material. Flush area and dry. Dispose of within local, state and federal laws.
Waste Disposal Method
Incinerate within local, state and federal laws.
Precautions to Be taken in Handling and Storing
Keep away from heat, sparks, and flames. Keep containers closed and use in adequate ventilation Keep out of reach of children.
Other Precautions

Section VIII -Control Measures

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

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

Section IX -Special Precautions

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Precautions to be taken in Handling and Storing

Other Precautions

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

Disclaimer:

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