

Material Safety Data Sheet

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Revision Number 2

1. PRODUCT AND COMPANY IDENTIFICATION

SUPER TECH

Product Name SUPER TECH

Recommended Use Automotive (motor) oil.

Supplier Address
CITGO Petroleum Corporation
1293 Eldridge Parkway
Houston
TX
77077
US
Phone:918-640-9901
Contact:Phillip Thompson
Email:pthomps@citgo.com
Contact Phone918-495-5150

Distributor
Wal-Mart Stores Incorporated
Bentonville, AR USA 72716

2. HAZARDS IDENTIFICATION

WARNING!

Emergency Overview

May cause skin, eye, and respiratory tract irritation
Aspiration hazard if swallowed - can enter lungs and cause damage

Appearance Amber

Physical State Oil, Liquid.

Odor Petroleum like

Potential Health Effects

Principle Routes of Exposure Inhalation. Skin contact. Eye contact.

Acute Toxicity

Eyes

May cause irritation.

Skin

May cause irritation.

Inhalation

Inhalation of vapors in high concentration may cause irritation of respiratory system.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Potential for aspiration if swallowed. Aspiration may cause pulmonary edema and pneumonitis.

Chronic Effects

Contains a known or suspected carcinogen

Aggravated Medical Conditions

Skin disorders.

Environmental Hazard

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Supplier Trade Secret	Proprietary	80-90
Supplier Trade Secret	Proprietary	5-10

Supplier Trade Secret	Proprietary	1-5
Supplier Trade Secret	Proprietary	1-5
Supplier Trade Secret	Proprietary	1-5
Supplier Trade Secret	Proprietary	0-1
Supplier Trade Secret	Proprietary	0-1
Supplier Trade Secret	Proprietary	0-1
Supplier Trade Secret	Proprietary	0-1
Supplier Trade Secret	Proprietary	0-1
Supplier Trade Secret	Proprietary	0-1
Supplier Trade Secret	Proprietary	0-1
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Supplier Trade Secret	Proprietary	0-1
Supplier Trade Secret	Proprietary	0-1
Supplier Trade Secret	Proprietary	0-0.1
Supplier Trade Secret	Proprietary	0-0.1
Supplier Trade Secret	Proprietary	0-0.1
Supplier Trade Secret	Proprietary	0-0.01
Supplier Trade Secret	Proprietary	0-0.01
Supplier Trade Secret	Proprietary	0-0.01
Supplier Trade Secret	Proprietary	0-0.01
Supplier Trade Secret	Proprietary	0-0.01
Supplier Trade Secret	Proprietary	0-0.01

4. FIRST AID MEASURES

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Inhalation	Move to fresh air. Get medical attention immediately if symptoms occur.
Ingestion	Do NOT induce vomiting. If vomiting occurs, lean victim forward to reduce the risk of aspiration. Call a physician or Poison Control Center immediately.
Notes to Physician	Treat symptomatically.
Protection of First-aiders	Use personal protective equipment.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Combustible liquid.
Flash Point	> 94C / > 201F
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Uniform Fire Code	<ul style="list-style-type: none"> • Combustible Liquid: III-B
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	No.
Sensitivity to Static Discharge	No.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA **Health Hazard 1** **Flammability 1** **Stability 0** **Physical and Chemical Hazards -**

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Take precautionary measures against static discharges. Avoid contact with skin, eyes and clothing.
Environmental Precautions	Refer to protective measures listed in Sections 7 and 8.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Dam up. Cover liquid spill with sand, earth or other noncombustible absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Take precautionary measures against static discharges.
Storage	Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Supplier Trade Secret	TWA: 5 mg/m ³ , as oil mist, mineral STEL: TWA: 10 mg/m ³ , as oil mist, mineral	TWA: 5 mg/m ³ , as oil mist, mineral	
Supplier Trade Secret	TWA: 5 mg/m ³ , as oil mist, mineral STEL: TWA: 10 mg/m ³ , as oil mist, mineral	TWA: 5 mg/m ³ , as oil mist, mineral	
Supplier Trade Secret	TWA: 10 mg/m ³	(vacated) TWA: 10 mg/m ³	TWA: 10 mg/m ³
Supplier Trade Secret	STEL: 15 ppm TWA: 10 ppm	(vacated) TWA: 10 ppm (vacated) TWA: 30 mg/m ³ (vacated) STEL: 20 ppm (vacated) STEL: 60 mg/m ³	Ceiling: 4 ppm 15 min Ceiling: 15 mg/m ³ 15 min

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection Skin and Body Protection Respiratory Protection

Tightly fitting safety goggles.
Wear protective gloves/clothing.
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Amber.	Odor	Petroleum like.
Odor Threshold	No information available	Physical State	Oil Liquid
pH	UNKNOWN	Autoignition Temperature	No information available
Flash Point	> 201F / > 94C	Boiling Point/Range	No information available
Decomposition Temperature	No information available	Explosion Limits	No information available
Melting Point/Range	No information available	Solubility	No information available
Flammability Limits in Air	No information available	Vapor Pressure	No data available
Water Solubility	Negligible	VOC Content (%)	0.31
Evaporation Rate	No information available		
Vapor Density	No data available		
Partition Coefficient: n-octanol/water			

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions.
Incompatible Products	Oxidizing agents.
Conditions to Avoid	Keep away from open flames, hot surfaces and sources of ignition.
Hazardous Decomposition Products	Carbon oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Supplier Trade Secret	2000 mg/kg (Rat)	2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h
Supplier Trade Secret	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h
Supplier Trade Secret	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h
Supplier Trade Secret	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 2.18 mg/L (Rat) 4 h
Supplier Trade Secret	= 2000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	-
Supplier Trade Secret	> 5000 mg/kg (Rat)	-	-
Supplier Trade Secret	17017 mg/kg(rat)	2002 mg/kg(rat)	-
Supplier Trade Secret	= 1165 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Supplier Trade Secret	= 2920 mg/kg (Rat)	= 2320 mg/kg (Rabbit)	= 3200 ppm (Rat) 4 h = 11.4 mg/L (Rat) 4 h

Chronic Toxicity

Chronic Toxicity Contains a known or suspected carcinogen

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret	A2	Group 1		
Supplier Trade Secret	A2	Group 1		X
Supplier Trade Secret	A2	Group 1		
Supplier Trade Secret	A2	Group 1		X
Supplier Trade Secret	A3	Group 2B		X

ACGIH: (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC: (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

OSHA: (Occupational Safety & Health Administration)

X - Present

Target Organ Effects Skin.

Endocrine Disruptor Information

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Supplier Trade Secret	Group III Chemical		
Supplier Trade Secret	Group III Chemical		

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Supplier Trade Secret		LC50: > 5000 mg/L (96 h) Oncorhynchus mykiss		EC50: > 1000 mg/L (48 h) Daphnia magna
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Supplier Trade Secret		LC50: > 5000 mg/L (96 h) Oncorhynchus mykiss		EC50: > 1000 mg/L (48 h) Daphnia magna
Supplier Trade Secret	EC50: 1.0 - 5.0 mg/L (96 h) Pseudokirchneriella subcapitata	LC50: 25-50 mg/L (96 h static) Pimephales promelas LC50: > 100 mg/L (96 h semi- static) Pimephales promelas		EC50: 4.0 - 6.0 mg/L (48 h) Daphnia magna
Supplier Trade Secret		LC50: 2200 mg/L (96 h) Brachydanio rerio	EC50 > 10000 mg/L 30 min	EC50: > 100 mg/L (48 h) Daphnia magna
Supplier Trade Secret	EC50: 1.5 mg/L (72 h) Scenedesmus subspicatus	LC50: 3.47-4.14 mg/L (96 h flow-through) Pimephales promelas	EC50 = 2.81 mg/L 5 min EC50 = 3.46 mg/L 15 min EC50 = 4.77 mg/L 30 min	EC50: 1.69 - 2.46 mg/L (48 h) Daphnia magna
Supplier Trade Secret		LC50: 15.04-21.54 mg/L (96 h static) Lepomis macrochirus LC50: 26.1-36.63 mg/L (96 h static) Poecilia reticulata LC50: 14 mg/L (96 h static) Pimephales promelas	EC50 = 2080 mg/L 5 min	EC50: 52 mg/L (24 h) Daphnia magna

Chemical Name	Log Pow
Supplier Trade Secret	3.5
Supplier Trade Secret	0.73

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Dispose of in accordance with local regulations.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Supplier Trade Secret -		Included in waste streams: F039, K083, K104		

California Hazardous Waste Codes 221

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California EHW	California Carc	California Hazardous Waste	California Waste - Part 2
Supplier Trade Secret			Toxic	STLC (for PBTs): 250 mg/L TTLc (for PBTs): 5000 mg/kg
Supplier Trade Secret			Toxic	STLC (for PBTs): 250 mg/L TTLc (for PBTs): 5000 mg/kg
Supplier Trade Secret			Toxic	
Supplier Trade Secret			Toxic Ignitable	

14. TRANSPORT INFORMATION

<u>DOT</u>	NOT REGULATED
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL -

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Supplier Trade Secret		0-1	1.0
Supplier Trade Secret		0-1	1.0
Supplier Trade Secret		0-0.01	1.0
Supplier Trade Secret		0-0.01	0.1

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
Chronic Health Hazard Yes
Fire Hazard No
Sudden Release of Pressure Hazard No
Reactive Hazard No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Supplier Trade Secret		X		
Supplier Trade Secret		X		
Supplier Trade Secret	5000 lb			X

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61)

This product contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act:

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Supplier Trade Secret		0-0.01		Group III		
Supplier Trade Secret		0-0.01		Group II		

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Supplier Trade Secret	5000 lb	5000 lb

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Supplier Trade Secret	X				

International Regulations

Mexico - Grade Moderate risk, Grade 2

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2A Very toxic materials



Legend

NPRI - National Pollutant Release Inventory

16. OTHER INFORMATION

Prepared By Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

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Revision Note No information available

General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet