

MATERIAL SAFETY DATA SHEET

Trade Name: Super Tech Engine Degreaser 18 oz
MSDS NO. WM451
Revision Date:
Date Printed 07/18/2006

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Super Tech Engine Degreaser 18 oz
Chemical Family: PETROLEUM DISTILLATE
Synonyms: None
Emergency Telephone (24 hr.): 24-Hour Emergency Information: CHEMTREC (800) 424-9300
Supplier: Walmart, Bentonville, AR, 72716

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient/CAS No.	wt. %	OSHA PEL TWA	OSHA PEL Ceiling Limits	ACGIH TLV TWA	ACGIH TLV STEL
Petroleum Distillate 68476-34-6	65-85	None Established	None Established	None Established	None Established
Aromatic Petroleum Distillate 68477-31-6	10-20	100 ppm	None Established	5 mg/m ³	None Established
2-butoxyethanol 111-76-2	10-20	50 ppm	Not Determined	20 ppm	Not Determined
Nonyphenol Ethoxylated 9016-45-9	.5-3	None Established	None Established	None Established	None Established
Carbon Dioxide 124-38-9	4-8	5000 ppm (exposures <10,000 ppm to be cited de minimus)	Not Known	5000 ppm	30,000 ppm

This product does not contain Normal Hexane (N-Hexane).

3. HAZARDS IDENTIFICATION

Emergency Overview: This material is an eye and skin irritant. Content under pressure. Gross inhalation overexposure may cause: respiratory track irritation, gastrointestinal irritation, headache, dizziness or central nervous system depression. Caution: Combustible. May be fatal if swallowed.

HMIS Classification: Health: *2 Flammability: 2 Physical Hazard: 2
NFPA Rating: Health: 3 Flammability: 2 Reactivity: 0

4. FIRST AID MEASURES

Eye Contact: In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration. If swallowed, do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.
Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.
Skin Contact: Remove contaminated clothing and shoes, and launder before reuse. If irritation persists or signs of toxicity occur, seek medical attention. If product is injected into or under the skin, or into any part of the body, the individual should be evaluated immediately by a physician as a surgical emergency. Wash with soap and water for 15 minutes.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point °F(°C): 145 F approx.
Flash Point Method: TAG Closed Cup
Flammable Limits in Air - Lower (%): .9% (Lowest Component)
Flammable Limits in Air - Upper (%): 6.7% (Lowest Component)
Autoignition Temperature °F(°C): Not Determined
Extinguishing Media: Carbon dioxide. Dry chemical. Foam. Use water spray to keep containers cool that are exposed to heat or flames.

Protection Of Fire-Fighters:

Special Fire-Fighting Procedures: Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Vapor may cause flash fire.

Hazardous Combustion Products: Carbon Dioxide. Carbon Monoxide. Fumes and Smoke. Sulfur oxides. Aldehydes and other decomposition products, in the case of incomplete combustion.

Aerosol Comments: NFPA Level 2 Aerosol

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective clothing and equipment to prevent skin and eye contact.
Spill Procedures: Contain any liquid from leaking containers. Avoid all sources of ignition; heat, sparks and open flames. Wear proper protective equipment as specified in the protective equipment section. Remove sources of ignition. Leaking containers should be removed to an isolated, well-ventilated area and transferred to other suitable containers. Do not puncture or incinerate container. Contents under pressure. Wipe, scrape, or soak up in an inert material and put in a container intended for flammable materials for disposal.
Environmental Precautions: Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.

7. HANDLING AND STORAGE

Handling and Storage: Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Use only in a well ventilated area. Caution: Contents under pressure. Keep away from heat and open flame. Do not puncture, incinerate or store above 120 F. Exposure to high temperatures may cause bursting. DO NOT store in the passenger compartment of an automobile.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation as necessary to maintain exposures to within applicable limits. Use in a well ventilated area.
Eyes: Chemical goggles; also wear a face shield if splashing hazard exists.
Skin Protection: Avoid skin contact. Wear protective clothing and gloves.
Respiratory Protection: Use in a well ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure. Do not breath mist or vapor.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless to slightly discolored solution
Odor: AROMATIC
pH Value: approx. 8
Vapor Pressure: Not Determined
Vapor Density (Air=1): >4.7 Approximate
Boiling Point (°F): 320 - 650 F
Melting/Freezing Point: Not determined.
Solubility in Water: approx. 25%
Bulk Density at 20°C: Not Determined
Molecular Weight: Mixture
Specific Gravity (H2O=1): .88 @ 60 F (liquid)
Viscosity: Not Determined.
Evaporation Rate: Not Determined
VOC Content(%): 27%
Decomposition Temperature: Not Determined

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE.
Conditions to Avoid: Keep away from heat, sparks and flame. Avoid any source of ignition. Do not expose to heat or store at temperatures above 120 F.
Materials to Avoid: Contact with oxidizing agents. Strong acids. Strong bases.
Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide.
Hazardous Polymerization: WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Ingredient/CAS No.	wt. %	Route	Species	Dose
Petroleum Distillate 68476-34-6	65-85	Oral	Rats	LD50 9 ml/kg
Aromatic Petroleum Distillate 68477-31-6	10-20	NA	NA	Not known.
2-butoxyethanol 111-76-2	10-20	Inhalation	Rats	LC50 450 ppm/4H
Nonyphenol Ethoxylated 9016-45-9	.5-3	Oral	Rats	LD50 1310 mg/kg
Carbon Dioxide 124-38-9	4-8	NA	NA	Not known.

Carcinogenicity:

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Ingredient/CAS No.	wt. %	IARC	NTP	OSHA
Petroleum Distillate 68476-34-6	65-85	Group 3 (not classifiable)	Not Listed	Not Listed
Aromatic Petroleum Distillate 68477-31-6	10-20	Not Listed	Not Listed	Not Listed
2-butoxyethanol 111-76-2	10-20	Not Listed	Not Listed	Not Listed
Nonyphenol Ethoxylated 9016-45-9	.5-3	Not Listed	Not Listed	Not Listed
Carbon Dioxide 124-38-9	4-8	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

13. DISPOSAL CONSIDERATION

Waste Classification: Not determined.

Waste Management: Not determined.

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. DOT:

Proper Shipping Name: CONSUMER COMMODITY
Hazard Class: ORM-D
UN/NA Number: Not Applicable
DOT Packing Group: Not Applicable

IMDG:

Proper Shipping Name: Aerosols (Limited Quantity)
Hazard Class: 2.1
Hazard Subclass: Not determined.
UN No.: UN1950
Packing Group: PG II
Marine Pollutant: No

15. REGULATORY INFORMATION

US Federal Regulations:

Ingredient/CAS No.	wt. %	SARA 313	SARA 302	RQ	TPQ
Petroleum Distillate 68476-34-6	65-85	Not Listed	Not Listed	NA	NA
Aromatic Petroleum Distillate 68477-31-6	10-20	Not Listed	Not Listed	NA	NA
2-butoxyethanol 111-76-2	10-20	Listed	Not Listed	NA	NA
Nonyphenol Ethoxylated 9016-45-9	.5-3	Not Listed	Not Listed	NA	NA
Carbon Dioxide 124-38-9	4-8	Not Listed	Not Listed	NA	NA

Hazardous per OSHA 29 CFR 1910.1200

SARA 311/312 Hazard Categories: Not Determined.

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State Regulations:

Ingredient/CAS No.	wt. %	California Prop. 65 Cancer list	California Prop. 65 Developmental Toxicity	California Prop. 65 Reproductive Female	California Prop. 65 Reproductive Male
Petroleum Distillate 68476-34-6	65-85	Not Listed	Not Listed	Not Listed	Not Listed
Aromatic Petroleum Distillate 68477-31-6	10-20	Not Listed	Not Listed	Not Listed	Not Listed
2-butoxyethanol 111-76-2	10-20	Not Listed	Not Listed	Not Listed	Not Listed
Nonyphenol Ethoxylated 9016-45-9	.5-3	Not Listed	Not Listed	Not Listed	Not Listed
Carbon Dioxide 124-38-9	4-8	Not Listed	Not Listed	Not Listed	Not Listed

U.S. TSCA: The components of this product are listed on the TSCA Inventory.

16. OTHER INFORMATION

General Notes: Do not allow undiluted material or large quantities to reach groundwater, bodies of water or sewer system.

Disclaimer:

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