

TOP-SIDEWINDER®
GHS SDS
Emergency: (888) 783-0036

SDS Version No. 2

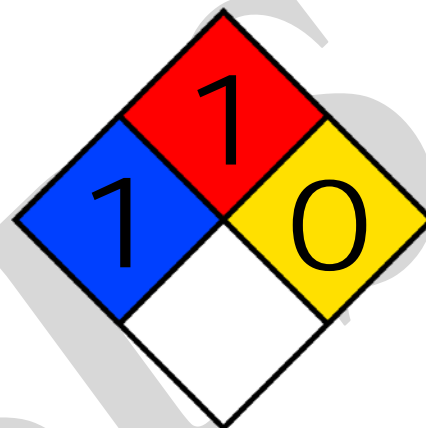
Revision Date: 11/28/2015

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name: TOP-SIDEWINDER®
Synonyms: Oilfield Lubricant, Lube
Chemical Family: Vegetable Oil Based
Chemical Formula: Proprietary
Restrictions on use: N/A

Supplier: Tactical Oilfield Products, Inc.
P.O. Box 231043.
Houston, Texas 77223
888-783-0036
713-513-5323

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Revision: 2




PPE: E

4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal Hazard. E=Safety Glasses, Gloves and Dust Respirator. See Section 8 for Personal Protective Equipment recommendations.

SECTION 2. HAZARDOUS IDENTIFICATION

GHS Classification: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Emergency Overview: May cause eye, skin and respiratory tract irritation. On repeated exposure, may cause skin sensitization or an allergic reaction.

Hazard	Hazard Category	Signal Word	Hazard Statement	Response	Prevention
Toxicity	N/A	N/A	See Section 11	- See Section 11	- See Section 11
Skin Contact 	3	Warning	Mild Irritant: May cause skin sensitization or irritation.	- Unlikely to cause irritation. If irritation occurs: Wash with plenty of soap and water. Remove contaminated clothing and launder before reuse. - If skin irritation persists: Seek medical advice/attention.	- Chemical resistant gloves are recommended for prolonged or repeated contact. - See Section 8
Eye Contact	2B	Warning	Mild Irritant: May cause eye irritation.	- If eyes are irritated: Remove contact lenses and rinse cautiously with water for several minutes. - If eye irritation persists: Seek medical advice/attention.	- Wear safety glasses

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UN PIN No: Not regulated

WHMIS Classification: D2B – Skin and eye irritant

Physical State: Liquid

Color: Brown Dark Amber

Odor: Odorless to light odor

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	EC ANNEX	Wt. %	Comments:
Proprietary	Various		100	(1)

Note (1): The specific chemical identity of this material is being withheld as a trade secret. It will be provided in accordance with the provisions of 29 CFR Part 1910.1200 (i).

EU- Directive 67/548: This product contains no substances which at their given concentration, are considered to be hazardous to health.

Chemical Identity: Various

Common Name: Lube

Impurities and

Other Additives: NA

SECTION 4. FIRST AID MEASURES

Route of Exposure	Symptoms/Effects	First Aid Measures
Eye Contact	Irritant: Redness, Discomfort to eyes	Promptly wash eye with copious amounts of water while lifting eye lids. Remove contact lenses. Continue to rinse for at least 15 minutes. If eye irritation persists: seek medical advice/attention.
Skin Contact	Irritant: Dry skin, redness	Not expected to require first aid measures. Remove contaminated clothing and launder before reuse. Wash skin thoroughly with soap and water. If skin irritation persists: seek medical advice/attention.
Inhalation	Irritant: Persistent cough and/or phlegm.	Not expected to require first aid measure. Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If inhalation irritation persists: seek medical advice/attention.
Ingestion	NR	Not expected to be a primary route of exposure. If conscious, dilute with 2 – 3 glasses of water or milk. Induce vomiting if conscious. In ingestion irritation persists: seek medical advice/attention.

General Note: Persons seeking medical attention should carry a copy of this GHS SDS with them.

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SECTION 5. FIRE FIGHTING MEASURES

Warning:	NK
Flammable Properties:	
Flash Point:	212°F (93°C)
Flammable Limits in Air-Lower (%):	NK
Flammable Limits in Air-Upper (%):	NK
Auto ignition Temperature:	NA
Sensitivity to impact:	NA
Explosion Data:	NA
Suitable Extinguishing Media:	Use Dry chemical, Carbon dioxide (CO ₂) fire extinguisher or water spray (fog) or Alcohol resistant foam.
Unsuitable Extinguishing Media:	Do not use a solid water stream as it may scatter and spread fire.
Protection of Fire Fighters:	
Special Fire Fighting Procedures:	Do not enter fire area without proper personal protective equipment. Including NIOSH approved self-contained breathing apparatus. Evacuate area and fight fire from a safe distance. Water spray may be used to keep fire-exposed containers cool. Keep water run off out of sewers and waterways.
Hazardous Combustion Products:	Keep product and empty containers away from heat and sources of ignition. Risk of ignition.
Conditions of Flammability:	NK
Other Flammable Properties:	Particulates may accumulate static electricity. Dusts at sufficient concentrations can form explosive mixtures with air.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions And Protective Equipment:	Use the personal protective equipment identified in Section 8.
Emergency and Spill Procedures:	Evacuate the spill area with the exception of the spill response team. Wet product may create a slipping hazard. Contain spilled material. Soak or shovel and place into closable container for disposal.
Environmental Precautions:	Waste must be disposed of in accordance with federal, state and local laws.

SECTION 7. HANDLING AND STORAGE

Handling:	Put on appropriate personal protective equipment. Use with local exhaust ventilation. All equipment used when handling the must be grounded. Keep away from heat/sparks/open flames/hot surfaces – No Smoking. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapor. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).
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Storage: Keep away from heat, sparks, flame and other sources of ignition (i.e. pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Engineering Controls:

Use appropriate engineering controls such as, exhaust ventilation, eyewash stations and showers.

Personal Protective Equipment:

All chemical Personal Protective Equipment (PPE) should be selected based on an assessment of both the chemical hazard present and the risk of exposure to those hazards. The PPE recommendations below are based on an assessment of the chemical hazards associated with this product. Where this product is used in a mixture with other products or fluids, additional hazards may be created, and as such, further assessment of risk may be required. The risk of exposure and need of respiratory protection will vary from workplace to workplace and should be assessed by the user in each situation.

Eye/Face Protection:

Safety Goggles

Skin Protection:

Wear appropriate clothing to prevent repeated or prolonged skin contact. Chemical resistant gloves recommended for prolonged or repeated contact. Use protective gloves made of Nitrile, Polyvinylchloride (PVC), Natural Rubber, or Latex.

Respiratory Protection:

If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. All respiratory protection equipment should be used within a comprehensive respiratory protection program that meets the requirements of 29 CFR 1910.134 (U.S. OSHA Respiratory Protection Standard) or local equivalent

General Hygiene Considerations:

When using, do not eat, drink or smoke. Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded, if contaminated with product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Brown Dark Amber
Odor:	Slight Used Oil Odor
Physical State:	Liquid
pH:	7 – 9
Specific Gravity (H₂O=1)	0.87 – 0.92
Solubility (Water):	ND
Flammable Properties:	
Flash Point:	212°F (93°C)
Flammable Limits in Air-Lower (%):	ND
Flammable Limits in Air-Upper (%):	ND

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Auto ignition Temperature:	ND
Sensitivity to impact:	ND
Explosion Data:	ND
Melting/Freezing Point:	ND
Boiling Point:	ND
Vapor Pressure:	ND
Vapor Density (Air=1):	ND
Evaporation Rate:	ND
Octanol/Water Partition Coefficient:	ND
Odor Threshold(s):	ND
Decomposition Temperature:	ND
Viscosity:	ND

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions.
Reactivity:	ND
Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Keep away from heat, sparks, flame, and excessive heat.
Incompatible Materials:	None known based on information supplied.
Hazardous Decomposition Products:	Carbon monoxide. Carbon dioxide (CO ₂). Hydrocarbons.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Exposure Effects, Irritation and Sensitization:	No Data Available.
Chronic, Carcinogenicity, Reproductive Toxicity, Tertogency, Embryotoxicity, Mutagenicity Effects:	No Data Available.
Synergistic Products/Effects:	No Data Available.
Routes of Exposure:	Skin and eye contact, inhalation, and ingestion.
Symptoms:	Mild skin, eye and respiratory irritant
Delayed/Immediate Effects:	No Data Available.
Chronic Effects:	No Data Available.
Measures of toxicity:	No Data Available.
Component Toxicological Data:	No Data Available.

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity – Aquatic: No Data Available.
Ecotoxicity – Terrestrial: No Data Available.
Bioaccumulation Potential: No Data Available.
Mobility in Soil: No Data Available.
Other Adverse Environmental Effects: No Data Available.

Important Note: TOP-SIDEWINDER® has been shown in it's state to be nontoxic to both aquatic and terrestrial life.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Method: Do not reuse container. Dispose of it in a accordance with regional, national and local regulations.

SECTION 14. TRANSPORT INFORMATION

U.S. DOT Shipping Description: Not regulated for transportation by DOT, TDG, IMDG, ICAO/IATA.
Canada TDG Shipping Description: Not regulated.
UN PIN No: Not regulated.
IMDG Shipping Description: Not regulated.
ICAO/IATA Shipping Description: Not regulated.

SECTION 15. REGULATORY INFORMATION

U.S. Federal and State Regulations:
SARA 311/312 (42 U.S.C. §§ 11021 and 11022 and implementing regulations) Hazard Categories.

Acute health hazard	No
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive hazard	No

SARA 313 (42 U.S.C. §§ 11022, 11004, and 11023)

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

International Chemical Inventories

Australia AICS- Yes

Canada DSL- Yes

China Inventory- No

European Union EIN ECS/ELINCS- Yes

Japan METI ENCS- No

Korea TCCL ECL- Yes

New Zealand- Yes

Philippine PICCS- Yes

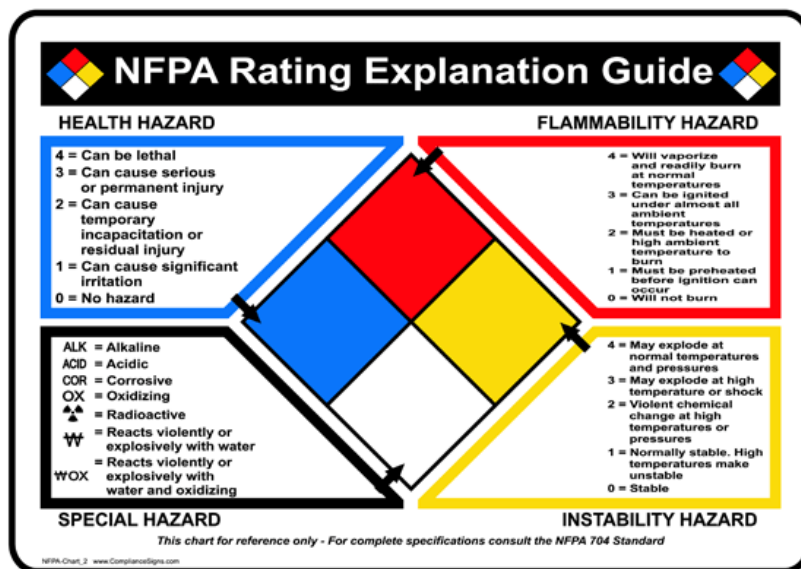
U.S. TSCA- Yes, Section 8(b) Inventory.

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Canadian Classification: Controlled Products Regulations Statement (CPR): This product has been classified in accordance with the hazard criteria of the CPR and the GHS SDS contains all the information required by the CPR.

WHMIS Class: D2B- Skin and eye irritant.

CERCLA RQ (40 C.F.R. §§ 302.4 and 302.5): This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.



SECTION 16. OTHER INFORMATION

Preparation Date: 11/28/2015
Changes made since last revision: N/A
Abbreviations: ACGIH – American Conference of Governmental Industrial Hygienists
CPR – Controlled Products Regulation
NA – Not Applicable
ND – Not Determined
NR – None Reported
NK – None Known
PNAH – Polynuclear Aromatic Hydrocarbon
PNOS – Particulate Not Otherwise Specified
PNOR – Particulate Not Otherwise Regulated

Disclaimer of Liability:

This GHS SDS is furnished independent of product sale. While every effort has been made to accurately describe this product, some of the data are obtained from sources beyond our direct supervision. We have made no effort to censor or conceal deleterious aspects of this product. Since we cannot anticipate or control the conditions under which this information and product may be used, we make no guarantee that the precautions we have suggested will be adequate for all individuals and/or situations. The GHS SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this GHS SDS information may not be applicable. It is the obligation of each user of this to comply with requirements of all applicable laws regarding use and disposal of this product. No warranty, either expressed or implied, or liability of any nature with respect to this product or to the data herein is made or incurred hereunder.