



## SAFETY DATA SHEET

DAVID WEBER OIL CO.

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### Section 1 – Identification

#### 1.1 Product Identifiers

**Product Name** : GIBRALTAR® SYNGEAR

#### 1.2 Product usage

**Recommended Usage** : Lubricant  
**Restricted Usage** : Not intended for any other usage

#### 1.3 Emergency support

**Emergency Support** : CHEMTREC  
United States +1(800) 424-9300  
International +01(703) 527-3887

#### 1.4 Supplier Information

David Weber Oil Company  
601 Industrial Road  
Carlstadt, NJ 07072

**Phone:** 201-438-7333  
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**Email:** sales@weberoil.com

### Section 2- Composition/ Information on Ingredients

#### 2.1 Classification of Substance Mixture

**OSHA Regulatory Status** : This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

#### 2.2 Label Elements

#### Emergency overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

**Appearance** : Oil  
**Physical state** : Liquid  
**Odor** : Slight Sulphurous

#### 2.3 Hazards not otherwise classified (HNOC)

**Unknown Acute Toxicity** : 1.426% of the mixture consists of ingredient(s) of unknown toxicity

## Section 3 - Hazards Identification

The product contains no substances which at their given concentration, are considered to be hazardous to health.

## Section 4 – First aid Measures

### 4.1 First aid measures

<b>Eye Contact</b>	: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Skin contact</b>	: Wash off immediately with soap and plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
<b>Inhalation</b>	: In the case of inhalation of aerosol/mist consult a physician if necessary.
<b>Ingestion</b>	: Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Consult a physician if necessary.

### 4.2 Most important symptoms and effects, both acute and delayed

**Symptoms** : No information available.

Indication of any immediate medical attention and special treatment needed

## Section 5 – Fire Fighting

### 5.1 Extinguishing Media

<b>Suitable extinguishing media</b>	: Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Water spray mist or foam.
<b>Unsuitable extinguishing media</b>	: Do not use a solid water stream as it may scatter and spread fire
<b>Specific hazards arising from the chemical tanks with from the chemical</b>	: Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire, cool water spray.
<b>Explosion data:</b>	
<b>Sensitivity to Mechanical Impact</b>	: None.
<b>Sensitivity to Static Discharge</b>	: None.

### 5.2 Firefighters Advice

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

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment

**Personal precautions** : Contaminated surfaces will be extremely slippery. Wear personal protective equipment.

### 6.2 Environmental Precautions

**Environmental precautions** : Do not flush into surface water or sanitary sewer system.

### 6.3 Materials & Methods to Contain and Cleanup

**Methods for containment** : Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** : Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## Section 7 - Handling & Storage

### 7.1 Safe Handling

**Handling** : Handle in accordance with good industrial hygiene and safety practice.

### 7.2 Safe Storage

**Required conditions** : Keep container tightly closed

## Section 8 - Exposure Control

### 8.1 Control Parameters

**Exposure Guidelines** : Contains mineral oil, vegetable oil, and/or synthetic oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg/m<sup>3</sup>, ACGIH STEL of 10 mg/m<sup>3</sup>.

### 8.2 Appropriate engineering controls

**Engineering measures to reduce exposure** : Ensure adequate ventilation, especially in confined areas.

### 8.3 Individual protection measures, such as personal protective equipment

**Respiratory protection** : Breathing apparatus needed only when aerosol or mist is formed.

**Hand protection** : Gloves made of plastic or rubber

**Eye protection** : Safety glasses

**Skin and body protection** : Usual safety precautions while handling the product will provide adequate protection against this potential effect

**General Hygiene Considerations** : Avoid contact with skin, eyes and clothing

## Section 9 - Physical & Chemical Properties

### 9.1 Information On Basic Physical and Chemical Properties

Physical state	: Liquid
Color	: Amber
Appearance	: Oil
Odor	: Slight Sulphurous
Odor threshold	: No Data Available
pH	: No Data Available
Freezing Point	: No Data Available
Boiling Point / Range	: No Data Available
Flash Point COC	: 232 C /450 Cleveland Open Cup F
Evaporation rate:	: No Data Available
Upper Explosive Limits (% air)	: No Data Available
Lower Explosive Limits (% air)	: No Data Available
Flammability (solid, gas)	: Not Applicable
Vapor pressure	: <0.9
Kinematic	: Various
Viscosity	: cSt @40 C
Water solubility	: Insoluble in water
Auto-ignition temperature	: Not Determined
Decomposition temperature	: Not Determined
Partition coefficient, n-octanol/water	: No Data Available

### 9.2 Other Information (Approximated - not to be used as typical values)

Softening point	: No information available
Molecular weight	: No information available
VOC Content (%)	: No information available
Density	: No information available
Bulk density	: No information available

## Section 10 - Stability & Reactivity

### 10.1 Material Analysis

Reactivity	: No Data Available.
Chemical stability	: Stable Under Normal Circumstances.
Possibility of hazardous reactions	: Hazardous polymerization will not occur.

### 10.2 Environmental

Conditions to avoid	: No special storage conditions required
Incompatible materials	: Oxidizing agents.
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating gases and vapors

## Section 11- Toxicological Information

### 11.1 Information on likely routes of exposure

<b>Product Information</b>	: Product does not present an acute toxicity hazard based on known or supplied information
<b>Eye contact</b>	: May cause slight irritation.
<b>Skin contact</b>	: Substance does not generally irritate and is only mildly irritating to the skin.
<b>Inhalation</b>	: Avoid breathing vapors or mists.
<b>Ingestion</b>	: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

### 11.2 Information on toxicological effects

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	: No sensitization responses were observed.
<b>Mutagenic effects</b>	: Did not show mutagenic or teratogenic effects in animal experiments.
<b>Carcinogenicity</b>	: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Reproductive toxicity</b>	: This product does not contain any known or suspected reproductive hazards.
<b>STOT - Single Exposure</b>	: None under normal use conditions.
<b>STOT - Repeated Exposure</b>	: None under normal use conditions.
<b>Aspiration hazard</b>	: Not applicable.

### 11.2 Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** : 1.426% of the mixture consists of ingredient(s) of unknown toxicity

**The following values are calculated based on chapter 3.1 of the GHS document .**

**ATEmix (oral)** :41828 mg/kg

**ATEmix (dermal)** :36659 mg/kg

## Section 12 - Ecological Information

### 12.1 Aquatic Toxicity

<b>Ecotoxicity</b>	: No known hazards to the aquatic environment. 0.128% of the mixture consists of components(s) of unknown hazards to the aquatic environment
<b>Persistence and degradability</b>	: No information available
<b>Bioaccumulation</b>	: No information available.
<b>Mobility</b>	: The product is insoluble and floats on water.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment

<b>Waste Disposal</b>	: Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	: Do not reuse container.

## Section – 14 Transportation Information

DOT: Not Regulated by any means of transportation

## Section 15 - Regulatory Information

### 15.1 International Inventories

<b>TSCA</b>	: Listed in TSCA
<b>DSL</b>	: Not listed in DSL
<b>EINECS/ELINCS</b>	: This product complies with EINECS/ELINCS
<b>CHINA</b>	: This product does not comply with China IECSC.
<b>KECL</b>	: This product does not comply with Korea KECL.
<b>PICCS</b>	: This product does not comply with Philippines PICCS.
<b>AICS</b>	: This product does not comply with Australia AICS

### 15.2 Legend

<b>TSCA</b>	- United States Toxic Substances Control Act Section 8(b) Inventory
<b>DSL/NDL</b>	- Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
<b>ENCS</b>	- Japan Existing and New Chemical Substances
<b>IECSC</b>	- China Inventory of Existing Chemical Substances
<b>KECL</b>	- Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	- Philippines Inventory of Chemicals and Chemical Substances
<b>AICS</b>	- Australian Inventory of Chemical Substances

### 15.3 Federal regulations

<b>SARA 313</b>	: 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
<b>SARA 311/312 Hazard Categories</b>	
<b>Acute Health Hazard</b>	: No
<b>Chronic Health Hazard</b>	: No
<b>Fire Hazard</b>	: No
<b>Sudden release of pressure hazard</b>	: No
<b>Reactive Hazard</b>	: No
<b>CWA (Clean Water Act)</b>	: This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)
<b>CERCLA</b>	: 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

### 15.4 State Regulations (RTK)

<b>California Proposition 65</b>	: This product does not contain any Proposition 65 chemicals
<b>U.S. State Right-to-Know Regulations</b>	
<b>U.S. EPA Label Information</b>	
<b>EPA Pesticide Registration Number</b>	: Not applicable

## Section 16 - Other Information

### **Nfpa:**

**Health** : 1

**Flammability** : 1

**Instability** : 0

**NFPA/HMIS \* for Carc, Muta, Tera, Specific Organ \***

### **HMIS health rating:**

**Health** : 1

**Flammability** : 1

**Physical hazards** : 0

**Personal protection** : B

**Issue Date** : 09-Sep-2014

**Revision Date** : 09-Sep-2014

**Revision Note** : Not applicable

The information provided in this Material 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.