



# SAFETY DATA SHEET

## Section 1 – Identification

### 1.1 Product identifier

**Product Name** : GIBRALTAR ® High Temp Red Grease

### 1.4 Supplier Information

David Weber Oil Co.  
601 Industrial Road  
Carlstadt, NJ 07072  
Manufactured By David Weber Oil Co.

### 1.2 Emergency support

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

## Section 2- Hazards Identification

**Classification of the substance or mixture** : GHS07 Eye Irrit. 2A H319 Causes serious eye irritation.

### Label elements

**GHS label elements** : The product is classified and labeled according to the Globally Harmonized System (GHS).  
**Hazard pictograms** :  
**Signal word** : Warning  
**Hazard statements** : Causes serious eye irritation

### Classification system:

**NFPA ratings (scale 0 - 4)** : Health =0  
Fire =1  
Reactivity =0  
**HMIS Ratings (scale 0-4)** : Health =1  
Fire =1  
Reactivity =0

### Other hazards

**Results of PBT and vPvB assessment** : PBT: Not applicable.  
vPvB: Not applicable.

## Section 3 - Composition / Information on Ingredients

**Chemical characterization** : Mixtures  
**Description** : Mixture of the substances listed below with nonhazardous additions

CAS No.	Component	%
68457-79-4	Zinc Dialkylthiophosphate	0.1-<2.5%

## Section 4 – First aid Measures

### 4.1 First aid measures

**After inhalation** : Supply fresh air; consult doctor in case of complaints.  
**After skin contact** : Generally the product does not irritate the skin.  
**After eye contact** : Rinse opened eye for several minutes under running water.  
**After swallowing** : If symptoms persist consult doctor.  
**Information for doctor** : Most important symptoms and effects, both acute and delayed No further relevant information available. Indication of any immediate medical attention and special treatment needed: No further relevant information available

## Section 5 – Fire Fighting

### 5.1 Extinguishing Media

**Extinguishing media**  
**Suitable extinguishing agents** : Use fire fighting measures that suit the environment.  
**Special hazards arising from the substance or mixture** : No further relevant information available.  
**Advice for firefighters**  
**Protective equipment** : No special measures required.

## Section 6 - Accidental Release Measures

<b>Personal precautions, protective equipment and emergency procedures</b>	: Not required.
<b>Environmental Precautions</b>	: Do not allow to enter sewers/ surface or ground water.
<b>Materials &amp; Methods to Contain and Cleanup</b>	: Pick up mechanically.

## Section 7 - Handling & Storage

### 7.1 Handling Procedures

Precautions for safe handling	: No special measures required.
Information about protection against explosions and fires	: No special measures required.

### 7.2 Shipping and Storage

Requirements to be met by storerooms and receptacles	: No special requirements.
Information about storage in one common storage facility	: Not required.
Further information about storage conditions	: None.
Specific end use(s)	No further relevant information available.

## Section 8 - Exposure Control

### Components with limit values that require monitoring at the workplace:

64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic (50-100%)
ACGIH TLV	Long-term value: 5 mg/m <sup>3</sup>
OSHA PEL	Long-term value: 5 mg/m <sup>3</sup>
64742-01-4	Residual oils (petroleum), solvent-refined (25-50%)
OSHA PEL	Long-term value: 5 mg/m <sup>3</sup>

<b>Additional information</b>	: The lists that were valid during the creation were used as basis.
<b>Exposure controls</b>	
<b>General protective and hygienic measures</b>	: Wash hands before breaks and at the end of work.
<b>Breathing equipment</b>	: Not required.
<b>Protection of hands</b>	: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
<b>Material of gloves</b>	: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
<b>Penetration time of glove material</b>	: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>Eye protection</b>	: Not required.

## Section 9 - Physical & Chemical Properties

### 9.1 Information On Basic Physical and Chemical Properties

<b>Physical state</b>	: Sem Solid
<b>Color</b>	: Red
<b>Odor</b>	: Petroleum-like
<b>Odor threshold</b>	: Not Available
<b>pH</b>	: Not Available
<b>Melting Point</b>	: Not Available
<b>Boiling Point</b>	: 338 degrees C (640 F)
<b>Flash Point</b>	: 244 C (471 F)
<b>Flammability Flash point</b>	: >315 degrees
<b>Decomposition Temperature</b>	: No Data Available
<b>Auto ignition Temperature</b>	: Not determined
<b>Danger of explosion</b>	: Product does not present an explosion hazard
<b>Explosion limits lower</b>	: Not determined
<b>Explosion limits upper</b>	: Not determined
<b>Vapor pressure</b>	: Not applicable
<b>Density at 15.6 C</b>	: 0.89669 g/cm <sup>3</sup> (7.483 lbs/gal)
<b>Relative Density</b>	: Not determined
<b>Vapour Density</b>	: Not determined
<b>Evaporation rate</b>	: Not determined
<b>Solubility in / Miscibility with Water</b>	: Insoluble.
<b>Partition coefficient (n-octanol/ Water)</b>	: Not determined.
<b>Viscosity</b>	: Not applicable
<b>Kinematic</b>	: Not applicable
<b>Solvent content</b>	: Organic solvents: 0.0 %
<b>Solid content</b>	: 10.6%
<b>Other information</b>	: No further relevant information available.

## Section 10 - Stability & Reactivity

<b>Reactivity</b>	
<b>Chemical stability</b>	
<b>Thermal decomposition / conditions to be avoided</b>	: No decomposition if used according to specifications.
<b>Possibility of hazardous reactions:</b>	No dangerous reactions known.
<b>Conditions to avoid</b>	: No further relevant information available.
<b>Incompatible materials</b>	: No further relevant information available.
<b>Hazardous decomposition products</b>	: No dangerous decomposition products known.

## Section 11- Toxicological Information

### Information on toxicological effects

#### Acute toxicity:

#### LD/LC50 values that are relevant for classification:

#### ATE (Acute Toxicity Estimates)

Oral	LD50	4572 mg/kg (rat)
Dermal Inhalative	LD50	62844 mg/kg (rabbit)

#### Primary irritant effect:

on the skin

: No irritant effect.

on the eye

: No irritating effect.

Sensitization

: No sensitizing effects known.

#### Carcinogenic categories

#### · IARC (International Agency for Research on Cancer)

9002-88-4 High Density Polyethylene Polymer

#### · NTP (National Toxicology Program)

None of the ingredients is listed.

#### · OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

## Section 12 - Ecological Information

### Toxicity

**Aquatic toxicity** : No further relevant information available.  
**Persistence and degradability** : No further relevant information available.

### Behavior in environmental systems

**Bioaccumulative potential** : No further relevant information available.  
**Mobility in soil** : No further relevant information available.  
**General notes** : Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### Results of PBT and vPvB assessment

**PBT** : Not applicable.  
**vPvB** : Not applicable.  
**Other adverse effects** : No further relevant information available.

## Section 13 - Disposal Considerations

### Waste treatment methods

**Recommendation** : Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

### Uncleaned packagings:

**Recommendation** : Disposal must be made according to official regulations.

## Section – 14 Transportation Information

**UN-Number** : DOT, ADN, IMDG, IATA  
**UN proper shipping name** : DOT, ADN, IMDG, IATA

· <b>Transport hazard class(es)</b>	
· <b>DOT, ADN, IMDG, IATA</b>	
· <b>Class</b>	not regulated
· <b>Packing group</b>	
· <b>DOT, IMDG, IATA</b>	not regulated
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
· <b>UN "Model Regulation":</b>	-

## Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

### Sara

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

68457-79-4

Zinc Dialkylthiophosphate

0.1-<1%

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

### Proposition 65

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

### Carcinogenic categories

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**GHS label elements**

: Void

**Hazard statements**

: Warning

**Chemical safety assessment** : A Chemical Safety Assessment has not been carried out.

**Precautionary statements**

: Wear eye protection / face protection. Wash thoroughly after handling.

**If in eyes**

: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**If eye irritation persists**

: Get medical advice/attention.

**Chemical safety assessment** : A Chemical Safety Assessment has not been carried out.

## Section 16 - Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing SDS** : Technical Department

**Contact** : Ian Welles

**Date of preparation /  
last revision** :11/03/2014

**Abbreviations and**

**acronyms:**

ADR: Accord European sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA) LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent