



SAFETY DATA SHEET

DAVID WEBER OIL CO.

601 Industrial Road • Carlstadt, NJ 07072 | 201.438.7333 phone | 201.438. 3178 fax

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Section 1 – Identification

1.1 Product identifier

Product Name : GIBRALTAR ® Hi Impact Hammer 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

2.1 Classification of the substance or mixture

OSHA Hazard communication Standard: This material is considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200

2.2 GHS Label Element, Including Precautionary Statements

Emergency Overview

Signal Word: Warning

Hazardous Statements

Causes serious eye irritation

Appearance: Copper

Physical State: Semi-Solid

Odor: Slight Petroleum

2.3 Precautionary Statements

Prevention	: Wash face, hands and any exposed skin thoroughly after handling. : Wear eye/face protection
General advice	: None
Eyes	: If in eyes: Rinse cautiously with water several times. Remove contact lenses, if present and possible to do so. : If eye irritation persists, get medical attention
Storage	: None
Disposal	: None

Hazard not otherwise classified (HNOC): Not Applicable

Other information: 31.8% of mixture consists of ingredient(s) with unknown toxicity

Section 3 - Composition / Information on Ingredients

Chemical Name	CAS No.	Weight %
Petroleum distillate, hydrotreated heavy naphthenic	64742-52-5	30-50%
Petroleum distillate, hydro treated heavy paraffinic	64742-54-7	10-30%
Calcium Carbonate	471-34-1	≤ 15%
Copper	7440-50-8	≤ 15%

Section 4 – First aid Measures

4.1 First aid measures

After inhalation	: In case of unconsciousness place patient stably inside position for transportation.
After skin contact	: Immediately wash with water and soap and rinse thoroughly.
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 firefighting 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

Personal precautions, protective equipment and emergency procedures : Not required.

Environmental Precautions : Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/surface or ground water

Materials & Methods to Contain and Cleanup : Ensure adequate ventilation.

Section 7 - Handling & Storage

7.1 Handling Procedures

Precautions for safe handling : Ensure good ventilation/
exhaustion at the workplace

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 : Keep receptacle tightly sealed.

Specific end use(s) : No further relevant information available.

Section 8 - Exposure Control

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillate, hydro treated heavy paraffinic	TWA: 5mg/m3 as oil mist, mineral	TWA: 5mg/m3 as oil mist, mineral	-
Calcium Carbonate	-	TWA: 15mg/m3 TWA: 5.0 mg/m3	TWA: 10mg/m3 total dust TWA: 5.0 mg/m3 respirable dust
Copper	TLV 1.0 mg/m3 dust & mist	PEL 1.0 as dust and mist	-

Immediate dangerous to life or health. ACGIH TLV: American Conference of Government Industrial Hygienists – Threshold Limit Values. OSHA PEL: Occupational Safety and Health Administration – Permissible Limits

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

Additional information	: The lists that were valid during the creation were used as basis.
Exposure controls	
General protective and hygienic measures	: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
Breathing equipment	: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air
Protection of hands	: 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.
Material of gloves	: 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.
Penetration time of glove material	: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	: Tightly sealed goggles

Section 9 - Physical & Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

General Information

Appearance	Semi- Solid
Color	Blackish Copper
Odor	Slight hydrocarbon
Odor Threshold	Data not available

General Properties

Boiling Point	No data available
pH	Not applicable
Specific gravity (15°C)	0.87, 7.506 (lbs./gal)
Flash point, COC, °F/°C	257/495
Upper/Lower flammability limits	No data available
Auto-ignition temperature	No data available
Flammability	No data available
VOC, %wt., ASTM D-972	No data available
Vapor pressure @ ambient temp.	<0.13 kPa (<1 mm Hg)
Vapor Density (air=1)	<1
Explosive properties	No data available
Oxidizing properties	No data available

Other Information

Electrical conductivity	Though no data available, this material is not expected to be a static accumulator
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Section 10 - Stability & Reactivity

Reactivity

Chemical stability

Thermal decomposition / conditions to be avoided : No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid : No further relevant information available.

Incompatible materials : No further relevant information available.

Hazardous decomposition products : No dangerous decomposition products known.

Section 11- Toxicological Information

Information on Likely Routes of Exposure

Inhalation: There is no data available for this product.

Eye Contact: Causes serious eye irritation.

Skin Contact: Causes mild skin irritation.

Ingestion: there is no data available for this product.

Chemical Name	LD 50 Oral	LD 50 Dermal	LC 50 Inhalation
Calcium Carbonate	6450 mg/kg (rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available

Delayed and immediate effects and also chronic effects from short and long term exposure:

Sensitization No information available

Mutagenic Effects No information available

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. The classification listed below for the petroleum distillates in this product pertains to those that contain more than 3% DMSO extract as measured by IP 346. The petroleum distillates in this product do not meet that criteria to be classified as carcinogens.

Chemical Name	ACGIH	IARC	NTP	OSHA
Petroleum distillate hydrotreated heavy naphthenic	A2	Group 1	-	X
Petroleum distillate hydrotreated heavy paraffinic	A2	Group 1	-	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

Reproductive Toxicity: No information available

STOT – single exposure: No information available.

STOT – repeated exposure: No information available.

Aspiration Hazard: No information available.

Numerical measures of toxicity – Product:

Acute Toxicity: 36.71% of the mixture consists of ingredient(s) of unknown toxicity. The following values are calculated based on chapter 3.1 of GHS document

LD 50 Oral: 6044 mg/kg, acute toxicity estimate

Section 12 - Ecological Information

Exo-toxicity:

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

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Micro-organisms	Daphnia Magna (Water Flea)
Petroleum distillate, hydrotreated heavy naphthenic 64742-52-5		LC50 : > 5000 mg/l, 96 hrs (oncorhynchus mykiss)		EC 50: >1000 mg/l, 48 hrs (Daphnia magna)
Petroleum distillate, hydrotreated heavy naphthenic 64742-54-7		LC50 : > 5000 mg/l, 96 hrs (oncorhynchus mykiss)		EC 50: >1000 mg/l, 48 hrs (Daphnia magna)

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse effects: No information available.

Section 13 - Disposal Considerations

Waste treatment methods

Product disposal: Try to minimize the product waste by using best applicable practices. It is the responsibility of the waste generator to evaluate the waste classification and appropriate disposal methodology in accordance with the applicable regulation. Do not dispose in to environment, in drain or in river/ ponds/ water reservoirs.

Container Disposal To be disposed in accordance with local prevailing and allowable regulations

Section – 14 Transportation Information

UN-Number
DOT, ADN, IMDG, IATA : Not regulated

UN proper shipping name
DOT, ADN, IMDG, IATA : Not regulated

Transport hazard class(es)
DOT, ADN, IMDG, IATA
Class : Not regulated

Packing group
DOT, IMDG, IATA : Not regulated

Environmental hazards
Marine Pollutant : No

Special precautions for user : Not applicable

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code : Not applicable

UN Model Regulation” : -

Section 15 - Regulatory Information

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

Sara

Acute Health Hazard: Yes

Chronic Health Hazard: No

Fire Hazard: No

Sudden release of Pressure Hazard: No

Reactive Hazard: No

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 listed.

Chemicals known to cause developmental toxicity : None of the ingredients is listed.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Pennsylvania	Massachusetts	Illinois	Rhode Island
Petroleum distillate, hydrotreated heavy naphthenic 64742-52-5				X	
Petroleum distillate, hydrotreated heavy naphthenic 64742-54-7				X	
Calcium Carbonate	X	X	X		

Section 16 – Other Information

	NFPA	HMIS
Health	1	1
Flammability	1	1
Instability	0	0
Physical & Hazard	-	C

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 :7/6/2018 **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