



SAFETY DATA SHEET

Section 1 – Identification

1.1 Product identifier

Product Name : GIBRALTAR ® Permaflex

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

Personal precautions, protective equipment and emergency procedures	: Not required.
Environmental Precautions	: Do not allow to enter sewers/ surface or ground water.
Materials & Methods to Contain and Cleanup	: 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 ³
OSHA PEL	Long-term value: 5 mg/m ³
64742-01-4	Residual oils (petroleum), solvent-refined (25-50%)
OSHA PEL	Long-term value: 5 mg/m ³

Additional information	: The lists that were valid during the creation were used as basis.
Exposure controls	
General protective and hygienic measures	: Wash hands before breaks and at the end of work.
Breathing equipment	: Not required.
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	: Not required.

Section 9 - Physical & Chemical Properties

9.1 Information On Basic Physical and Chemical Properties

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

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 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 Plymer

· 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

· 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

· **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