



SAFETY DATA SHEET

Section 1 – Identification

1.1 Product identifier

Product Name : Gibraltar Long Life HZ-1000 Series
Gibraltar Long Life HZ-1000 SS Series
Gibraltar Long Life MV-HZ-1000 Series

1.4 Supplier Information

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

Phone: 201-438-7333
Fax: 201-438-3178
Email: sales@weberoil.com

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 : The product is not classified according to the Globally Harmonized System (GHS).

Label elements

GHS label elements : Void
Hazard pictograms : Void
Signal word : Void
Hazard statements : Void

Classification system:

NFPA ratings (scale 0 - 4) : Health = 1
Fire =1
Reactivity =0
HMIS Ratings (scale 0-4) : Health =0
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-<1%
Varies	Petroleum Base Oils	60-100%

Section 4 – First aid Measures

4.1 First aid measures

General information : No special measures required.
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

Additional information : The lists that were valid during the creation were used as basis.

Exposure controls

General protective and hygienic measures : The usual precautionary measures for handling chemicals should be followed.

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. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

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. 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	: Liquid
Color	: Clear yellow
Odor	: Petroleum-like
Odor threshold	: Not Available
pH	: Not Available
Melting Point	: Not Available
Boiling Point	: 316 degrees
Flash Point	: 200
Flammability Flash point	: >200 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	: ~0.87 g/cm ³
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	: ISO Grade
Kinematic	: Dependent
Solvent content	: Organic solvents: 0.0 %
Other information	: No further relevant information available.
Viscosity, cSt, @ 40C	: > 22 < 1000

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	5848 mg/kg (rat)
Dermal Inhalative	LD50	169492 mg/kg (rabbit)
	LC50/4 h	150 mg/l

Primary irritant effect:

on the skin

: No irritant effect.

on the eye

: No irritating effect.

Sensitization

: No sensitizing effects known.

Additional toxicological information

:The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effect.

Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· 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 : Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products. Protect the environment. Dispose of used oil at designated sites. Minimize skin contact. Do not mix used oils with solvents, brake fluids or coolants

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 pictograms : Void
Signal word : Void
Hazard statements : Void

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

**Abbreviations and
acronyms:**

ADR: Accord européen 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