SDS SAFETY DATA SHEET

Haynes Manufacturig Company

Haynes Lubri-Film

1 PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers:

Product Identifier:	**Haynes Lubri-Film**
EC Number:	**Trade Secret**
CAS Number:	**Trade Secret**
Product Code:	**HLF**
Version:	**4**
Revision Date:	**8/22/2024**
Ingredient Family:	**Petroleum Lubricant**
Product Description:	**NSF H1 classified food grade lubricant**

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier Details:	**Haynes Manufacturig Company 24142 Detroit Road Westlake, Ohio 44145**
Phone:	**+1-440-871-2188 EXT 195**
Web:	**www.haynesmfg.com**
Emergency:	**Haynes Manufacturing Company**

1.4 Emergency Telephone Number:

+1-440-871-2188 EXT 195

2 HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

2.1.1 Classification According to Regulation (EC) No 1272/2008 [CLP]

None, None, None

2.2 GHS Label Elements, Including Precautionary Statements

GHS Signal Word: NONE

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

H000 - None

GHS Precautionary Statements:

No GHS precautionary statements indicated

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

NOTE: The specific chemical identities and/or exact percentage (concentration) of the composition may have been withheld as a trade secret.

Chemical Ingredients:

CAS#	EC#	%	Chemical Name	Hazard Classes	SCL M-factor ATE
******	******		Trade Secret	-n/a-	-n/a-
******	******		Trade Secret	-n/a-	-n/a-
******	******		Trade Secret	-n/a-	-n/a-

4 FIRST AID MEASURES

4.1 Description of first aid measures

General Information: Consult a doctor.

Inhalation: **Not an expected route of exposure.**

Skin Contact: **Wash with soap and warm water. If material is hot and themal burns are sustained, submerge injured area in cold water. Do not apply ice to injured area. If burns are severe and/or cover a large area of skin, seek immediate medical attention.**

Eye Contact: **Remove contact lenses. Rinse immediately with plenty of water, even under the eyelids, for at least 15 minutes. Consult a doctor.**

Ingestion: **Rinse your mouth with water. DO NOT induce vomiting unless directed to do so by a Physician or Poison Control Center. Never give anything by mouth to an unconscious person. Consult a doctor. Call POISON CENTER or doctor/physician if you feel unwell.**

4.2 Most important symptoms and effects, both acute and delayed

The first responder must protect himself.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable Media: Use extinguishing measures appropriate to local needs circumstances and the surrounding environment.

Non Suitable Media: DO NOT use water jets

5.2 Special hazards arising from the substance or mixture

Special Hazards: Cool closed containers exposed to fire with water spray.

5.3 Advice for fire-fighters

Protective Actions: Carbon oxides (CO, CO2), smoke and irritating vapors such as products of incomplete combustion.

5.4 Further Information

Prevent extinguishing water from contaminating the surface water or underground water system. Special protective equipment for firefighters - Wear self-contained equipment self-contained breathing apparatus for firefighting if necessary.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

The material can create slippery conditions. Avoid contact with eyes. ELIMINATE all ignition sources (no smoking, flares, sparks, or flames in immediate area).

6.2 Environmental Precautions

Prevent further leakage or spillage. Pick up and transfer to properly labeled containers.

6.3 Methods and material for containment and cleaning up

Prevent further leaks or spills if it is safe to do so. Absorb with inert absorbent material.

6.4 Reference to other sections

Do not allow uncontrolled discharge of the product into the environment.

Contact the relevant local authorities.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. See Section 8 for more information. Keep away from open flames, hot surfaces and sources of ignition. Ensure adequate ventilation. If spilled, take caution, as material can cause surfaces to become very slippery.

7.2 Conditions for safe storage, including any incompatibilities

Store in the original and/or appropiately labeled container. Keep container tightly closed in a dry place when not in use. Open containers must be carefully closed and kept in an upright position. Store in a cool, dry and well-ventilated place. To maintain product integrity, do not store in heat or direct sunlight.

7.3 Specific end uses

Used on food machinery and equipment as an indicental product contact lubricant. Rated NSF H1

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Handle in accordance with good industrial hygiene and safety practice. No special ventilation requirements under normal conditions.

8.2 Exposure Controls

No special protective equipment required.

8.3 Environmental Exposure Controls

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

(a) Physical State:	**Solid, Transparent Grease**
(b) Color / Appearance:	**Colorless**
(c) Odor:	**Odorless**
(d) Freezing/Melting Pt.:	**No data available**
(e) Boiling Point:	**> 230 C (>200,1 F)**
(f) Flammability:	**No data available**
(g) UFL/LFL:	**No data available**
(h) Flash Point:	**>93.4 C (200.1F) Closed cup Pensky-Martens method**
(i) Auto-Ignition Temp:	**No Data Available**
(j) Decomp Temp:	**Under normal conditions of storage and use, no hazardous decomposition products should be produced.**
(k) pH:	**No data available**
(l) Viscosity:	**NLGI 1**
(m) Solubility:	**Insoluble**
(n) Partition Coeff n-Octanol/H2O:	**No data available**
(o) Vapor Pressure:	**No Data Available**
(p) Spec Grav / Density:	**No data available**
(q) Vapor Density:	**No data available**
(r) Particle Characteristics:	**No data available**
Odor Threshold:	**No data available**
Molecular Formula:	**No data available**
Softening Point:	**No data available**
Percent Volatile:	**No data available**
Saturated Vapor Concentration:	**No data available**
Heat Value:	**No data available**
Octanol:	**No data available**
VOC:	**No data available**
Evaporation Rate:	**No data available**
Bulk Density:	**No data available**
Molecular weight:	**No data available**

9.2 Other Information

10 STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

No dangerous reactions known under normal use conditions.

10.3 Possibility of hazardous reactions

No dangerous polymerization occurs. Stable under normal conditions.

10.4 Conditions to Avoid

Heat, flames and sparks.

10.5 Incompatible materials

Reactive with oxidizing agents.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, no hazardous decomposition products should be produced.

10.7 Additional Information

11 TOXICOLOGICAL INFORMATION

11.1 Information on Hazard Classes as Defined in Regulation (EC) No 1272/2008

Inhalation - Specifice test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact - Specifice test data for the substance or mixture is not available. May cause slight eye irritation.
Skin Contact - Specifice test data for the substance or mixture is not available.
Ingestion - Specifice test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause gastrointestinal discomfort if consumed in large amounts.

(a) Acute Toxicity:

None Known

(b) Skin Corrosion / Irritation:

Remarks: Not irritating to the skin. Heated material can cause thermal burns.

(c) Serious Eye Damage / Irritation:

Observations: Not irritating to the eyes. Heated material can cause thermal burns.

(d) Respiratory or Skin Sensitisation:

Routes of exposure: Skin contact.
Species: Guinea pig.
Result: it is not a skin sensitizer.
Observations: No evidence of skin sensitization.

(e) Germ Cell Mutagenicity:

Genotoxicity in vitro: Remarks: Not considered a germ cell mutagen

(f) Carcinogenicity:

Remarks: Not considered a carcinogen.

(g) Reproductive Toxicity:

Effects on fertility: Observations: Not considered toxic to the reproductive system. Effects on fetal development: Remarks: Not considered teratogenic.

(h) STOT - Single Exposure:

Acute exposure studies show no evidence of systemic toxicity.

(i) STOT - Repeated Exposure:

Repeated dose toxicity data show no evidence of target organ toxicity.

(j) Aspiration Hazard:

It should not be an aspiration hazard.

Substances Subject to Registration:

11.2 Information on Other Hazards

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Not hazardous to the aquatic environment.

12.2 Persistence and Degradability
No data available.

12.3 Bioaccumulative Potential
No data available.

12.4 Mobility in Soil
No data available.

12.5 Results of PBT and vPvB Assessment
This substance is not a PBT or a vPvB.

12.6 Endocrine Disrupting Properties
Does not contain an endocrine disruptor (EDC) in a concentration of > 0.1%

12.7 Other Adverse Effects
No data available.

12.8 Additional Information
There is no additional information.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

13.1.1 Product and Packaging Disposal:
Do not reuse empty containers. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

13.1.2 Waste Treatment Relevant Information:
This product should not be allowed to enter drains, waterways or the ground. Waste must be classified and labeled before recycling or disposal.

13.1.3 Sewage Disposal Relevant Information:
Dispose of product residues according to the instructions of the person responsible for waste disposal.

13.1.4 Other Disposal Recommendations:
Offer surplus and non-recyclable solutions to an approved disposal company. Please consider relevant national or regional provisions. Waste can be separated into categories that can handled by local or national waste management facilities.

14 TRANSPORT INFORMATION

14.1 UN Number	**[n/a]**
14.2 UN Proper Shipping Name	**[n/a]**
14.3 Transport Hazard Class(es)	**[n/a]**
14.4 Packing Group	**[n/a]**

14.5 Environmental Hazards

14.6 Special Precautions for User
IATA-DGR - Not regulated as a dangerous good

IMDG-CODE - Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

National regulations

49 CFR
Not regulated as a dangerous good

Observations: Description of transport Road: 65 Oil Oil, N.O.I.B.N.

14.7 Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code

15 REGULATORY INFORMATION

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

[%] RQ <EC#> (CAS#) Substance - Reg Codes

[--%] (******) (******) Trade Secret TSCA

[--%] (******) (******) Trade Secret TSCA

[--%] (******) (******) Trade Secret TSCA

Regulatory Code Legend

TSCA = Toxic Substances Control Act

15.2 Chemical Safety Assessment

REACH Annex XVII (Restriction List)
No REACH Annex XVII restrictions

REACH Annex XIV (Authorisation List)
Trade Secret is not on the REACH Annex XIV List

REACH Candidate List (SVHC)
Trade Secret is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)
Trade Secret is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 july 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)
Trade Secret is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

16 OTHER INFORMATION

The information is considered correct, but not exhaustive, and will only be used as guidance, which is based on current knowledge of the substance or mixture and is applicable to appropriate safety precautions for the product.

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information provided is intended only as a guide to safe handling, use, processing, storage, transportation, disposal and release and should not be considered a guarantee or specification of quality. The information refers only to the specific material designated and may not apply to such material used in combination with other materials or in any process, unless specified in the text.

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