

Safety Data Sheet

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SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier:

Trade name: **Fiebing's Hi-Liter**

Date prepared: July 16, 2024

1.2 Article number/Other means of identification:

1.3 Relevant identified uses of the substance or mixture and uses advised against

For use on leather

1.4 Application of the substance / the mixture:

For use as finish on leather

1.5 Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:

Fiebing Company, Inc.

PO Box 694

Milwaukee, WI 53201

Phone: (414) 271-5011

1.6 Emergency telephone number:

CHEMTREC

1-800-424-9300 (US/Canada)

+01 703-527-3887 (International)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation 1907/2006/EEC (REACH) and OSHA

Repr. 1B, H360: May damage fertility or the unborn child.

Eye Irritant 2B, H320: Causes Eye irritation

The product is not classified as hazardous according to the CLP regulation.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

2.2 Label elements

This product does not have a classification according to the CLP regulation. However, according to 1907/2006 EEC (REACH) and OSHA:

Hazard pictograms



Signal word

DANGER

Hazard statements

H360: May damage fertility or the unborn child.

H320: Causes Eye Irritation

Precaution: P101: If medical advice is needed, have product container or label at hand
 P102: Keep out of reach of children
 Prevention: P280: Wear protective gloves / eye protection
 Response: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P 312: Call a POISON CENTER or doctor/physician if you feel unwell.
 Storage: P405 Keep store locked up
 Disposal: P501 Dispose of contents and containers in accordance with all local, Regional, national and international regulations.

Additional information:

None

Hazard description:**WHMIS-symbols:**

D2B – Toxic material causing other toxic effects

NFPA ratings (scale 0- 4)

Health = 1 Fire = 0 Reactivity= 0

HMIS-ratings (scale 0- 4)

Health = 1 Fire = 0 Reactivity= 0

HMIS Long Term Health Hazard Substances
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None of the ingredients are listed.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture of substances listed below with non-hazardous additions.

Dangerous components		
CAS: 1330-43-4 EC number: 215-540-4	*Sodium tetraborate decahydrate Repr. 1B, H360FD Eye Irrit. 2, H319	1– 2% *(boron equivalence: 0.14% – 0.28%)

Note: SDS information for Borax (Repr 1B) is mandatory, but label warning is optional.

3.3 Additional information: For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:** No special measures required.**After inhalation:** Supply fresh air; consult doctor in case of complaints.

After skin contact: Immediately remove any clothing soiled by the product.
Wash with soap and water.

If skin irritation is experienced, consult a doctor.

After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Slight irritant effect on eyes.

Slight irritant effect on skin and mucous membranes.

Gastric or intestinal disorders when ingested.

Nausea in case of ingestion.

Hazards No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No specific data

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

For safety reasons unsuitable extinguishing agents: None.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for fire fighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information No further relevant information available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Wear protective equipment.

Keep unprotected persons away.

For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13. Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formation of aerosols.

Avoid splashes or spray in enclosed areas.

Use only in well ventilated areas.

Information about fire- and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by store rooms and receptacles:

Provide ventilation for receptacles.

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Store away from food stuffs.

Store away from oxidising agents.

Do not store together with acids.

Further information about storage conditions:

Store in cool, dry conditions in well-sealed receptacles.

Keep container tightly sealed.

7.3 Specified use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:	
Sodium tetraborate decahydrate	
CAS: 1330-43-4 EC number: 215-540-4	TWA: 1 (mg/m3) from ACGIH (TLV) [United States] [1998] TWA: 1 (mg/m3) [United Kingdom (UK)] TWA: 1 (mg/m3) from NIOSH [United States] TWA: 1 (mg/m3) [Mexico] TWA: 1 (mg/m3) [Canada]]

DNELs No further relevant information available.

PNECs No further relevant information available.

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

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Pregnant women should strictly avoid inhalation or skin contact.

Respiratory protection:

Not required under normal conditions of use.

Use suitable respiratory protective device when high concentrations are present.

Use suitable respiratory protective device when aerosol or mist is formed.

For spills, respiratory protection maybe advisable.

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. 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. 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:

Safety glasses

Body protection:

Not required under normal conditions of use.

Protection maybe required for spills.

Limitation and supervision of exposure into the environment

No further relevant information available.

Risk management measures

See Section 7 for additional information.

No further relevant information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information**Appearance:**

Form:	Liquid
Color:	Dark brown
Odor:	Pine
Odor threshold:	Not determined.
pH-value at 20°C:	7.5 – 9.5
Change in condition	
Melting point/Melting range:	Not Determined.
Boiling point/Boiling range:	212°F/ 100 °C
Flash point:	Not applicable.
Flammability(solid, gaseous):	Not applicable.
Auto/Self-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	Not determined.
Density at 20°C:	1.00 – 1.05
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in /Miscibility with water:	Soluble.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	200 – 1000 cps
TOTAL VOC:	0.021 Lbs/Gal (2.5 g/l)

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

Thermal decomposition /conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions

Reacts with strong acids and oxidising agents.

Toxic fumes maybe released if heated above the decomposition point.

10.4 Conditions to avoid

Store away from oxidizing agents.

Keep away from heat and direct sunlight.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

Primary irritant effect:

On the skin: Slight irritant effect on skin and mucous membranes.

On the eye: Irritant effect on eyes.

Sensitisation: Sensitising effect by skin contact is possible by prolonged exposure.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

May damage fertility or the unborn child.

Repeated dose toxicity: May cause damage to organs through prolonged or repeated exposure.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bio accumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (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.

12.5 Results of PBT and vPvB assessment

•**PBT:** Not applicable.

•**vPvB:** Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Wastetreatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes. Residual materials should be treated as hazardous.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

DOT, ADR, ADN, IMDG, IATA Not Regulated

14.2 UN proper shipping name

DOT, ADR, ADN, IMDG, IATA Not Regulated

14.3 Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA
Class Not Regulated

14.4 Packing group

DOT, ADR, IMDG, IATA Not Regulated

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable.

·UN "Model Regulation": -

SECTION 15: Regulatory information

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

United States (USA)

EPA 355(extremely hazardous substances):

None of the ingredients are listed.

Section 313(Specific toxic chemical listings):

None of the ingredients are listed.

TSCA(Toxic Substances Control Act):
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All ingredients are listed.

Proposition 65(California):

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:
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None of the ingredients listed

Chemicals known to cause reproductive toxicity for males:
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None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

Carcinogenic Categories

EPA(Environmental Protection Agency)
None of the ingredients are listed.
IARC (International Agency for Research on Cancer)
None of the ingredients are listed.
TLV(Threshold Limit Value established by ACGIH)
None of the ingredients are listed.
NIOSH-Ca(National Institute for Occupational Safety and Health)
None of the ingredients are listed.

Canada

Canadian Domestic Substances List (DSL)
All ingredients are listed.
Canadian Ingredient Disclosure list (limit 0.1%)
None of the ingredients are listed.
Canadian Ingredient Disclosure list (limit 1%)
None of the ingredients are listed.
1907/2006 EEC (REACH)
Sodium tetraborate decahydrate: Repr 1B, H360; Eye irritant 2

Other regulations, limitations and prohibitive regulations

This product has been classified in accordance with GHS criteria, hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

Substances of very high concern (SVHC) according to REACH, Article 57
None of the ingredients are listed.

15.2Chemical 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.

Relevant phrases

H360 May damage fertility or the unborn child.

H320: Causes Eye Irritation

P101 If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P280: Wear protective gloves / eye protection

P305 IF IN EYES:

P351 Rinse cautiously with water for several minutes.

P338 Remove contact lenses, if present and easy to do. Continue rinsing.

P405 Keep store locked up

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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

WHMIS: Workplace Hazardous Materials Information System (Canada)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B

Muta. 2: Germ cell mutagenicity, Hazard Category 2

Repr. 1B: Reproductive toxicity, Hazard Category 1B

Repr. 2: Reproductive toxicity, Hazard Category 2