Safety Data Sheet
Fiebing's Suede Dye

According to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and OSHA GHS

Date issued: 02/24/2020

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

1.1 Product identifier

Trade name: Fiebing's Suede Dye (Various colors)

1.2 Relevant identified uses of the substance or mixture and uses advised against: For dyeing suede leather.

Application of the substance / mixture: Dyeing of Suede Leather

1.3 Details of the supplier of the Safety Data Sheet · Manufacturer/Supplier:

Fiebing Company, Inc.
PO Box 694
Milwaukee, WI 53201
Phone: (414) 271-5011

1.4 Emergency telephone number:

CHEMTREC
1-800-424-9300 (US/Canada)
+01 703-527-3887 (International)

2.1 Classification of the substance or mixture

· **Classification according to Regulation (EC) No 1272/2008**

Classifications listed also are applicable to the OSHA GHS Hazard Communication Standard (29CFR1910.1200).

Category: Flammable Liquid 4 H 227

Hazard Statement: Combustible Liquid

· **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 according to the latest editions of the EU-lists, and extended by company and literature data.

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

· **Labelling according to Regulation (EC) No 1272/2008**

The product is additionally classified and labelled according to the Globally Harmonized System within the United States (GHS).

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**: None
. Signal word: WARNING
· **Hazard-determining components of labelling**: Ethanol
· **Hazard statements:**
H227 Combustible Liquid
. Precautionary statements
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280 Wear protective gloves / eye protection.
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378 In case of fire: Use for extinction: CO2, powder or water spray. P403+P235 Store in a well-ventilated place. Keep cool.
· **Hazard description:**
· **WHMIS-symbols:**
Combustible liquid
· **NFPA ratings (scale 0 - 4)**
Health = 1
Fire = 2
Reactivity = 0
· **HMIS-ratings (scale 0 - 4)**
Health = 1
Fire = 2
Reactivity = 0

· **HMIS Long Term Health Hazard Substances**
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

3.1 Mixtures
· **Description:** Mixture of substances listed below with nonhazardous additions

· **Dangerous components:**		
2-propanol CAS: 67-63-0 EINECS: 200-661-7	Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	0.3 % – 0.4 %
Denatured alcohol CAS # 64-17-5	Flam. Liq. 2, H225	1.5 %– 2.1 %

SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:**
Immediately remove any clothing soiled by the product.
Take affected persons out into the fresh air.
· **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**
Headache
Breathing difficulty
Dizziness
Gastric or intestinal disorders when ingested.
Nausea in case of ingestion.
· **Hazards** May be harmful if inhaled.
· **4.3 Indication of any immediate medical attention and special treatment** needed
If necessary oxygen respiration treatment.

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 firefighters · Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.
· **Additional information** Eliminate all ignition sources if safe to do so.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
Ensure adequate ventilation Keep away from ignition sources.
Protect from heat.
6.2 Environmental precautions:
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
6.3 Methods and material for containment and cleaning up:
Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
Dispose contaminated material as waste according to item 13.
Send for recovery or disposal in suitable receptacles.

Used rags or other cleaning materials should be soaked with water and placed in a sealed container.

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.

ORAL (LD50): Acute: 7060 mg/kg [Rat]. 3450 mg/kg [Mouse].
VAPOR (LC50): Acute: 20000 ppm 8 hours [Rat]. 39000 mg/m 4 hours [Mouse]

SECTION 7: Handling and storage

7.1 Precautions for safe handling Avoid splashes or spray in enclosed areas.
Prevent formation of aerosols.
Use only in well ventilated areas.
Rags, metal wools / cuttings / shavings and waste papers soaked with product must be placed in a sealed metal container rated for flammable waste.

7.2 Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges. Flammable liquid and vapor.

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

SECTION 8: Exposure control and personal protection equipment

8.1. Control parameters

2-propanol:
OSHA-PEL: 980 mg/m3 TWA 400 ppm TWA
ACGIH-TLV: 200 ppm TWA
: 200 ppm STEL

Denatured Alcohol:
OSHA: 1000 ppm TWA, 1900 mg/m3 TWA
ACGIH: 1000 ppm STEL

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.
Do not inhale gases / fumes / aerosols.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

· 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 may be 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 can not 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 may be 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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

. Appearance: Liquid various colors
· Odor: Alcoholic odor
· Odor threshold: Not determined.
· pH-value at 20 °C: 6.5 – 8.5

·

. Melting point/Melting range: Not Determined.
. Boiling point/Boiling range: Initial 176 Deg.F (80 Deg.C) final > 200°F (93 °C)
· Flash point: 144 °F (62.2°C)
· 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 is not explosive

Lower: Not determined.
Upper: Not determined.
· Vapor pressure: Not determined.
· Density at 20 °C: 0.995 – 1.000 g/cm³
· 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: Not determined
Dynamic: Not determined
Kinematic: Not determined.

· 9.2 Other information
TOTAL VOC: 0.207 Lbs/Gal (25 g/L)

SECTION 10: Stability and reactivity

10.1 Reactivity
No dangerous reaction known under conditions of normal use.
Upon combustion: CO and CO2 are formed. Violent to explosive reaction with (strong) oxidizers.
Prolonged storage/in large quantities: may form peroxides.
10.2 Chemical stability
· Thermal decomposition / conditions to be avoided: Keep away from heat and direct sunlight.
10.3 Possibility of hazardous reactions Flammable.
Reacts with acids, alkalis and oxidizing agents.
Used empty containers may contain product gases which form explosive mixtures with air.
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized. Toxic fumes may be released if heated above the decomposition point.
10.4 Conditions to avoid
Keep ignition sources away - Do not smoke.
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:

Ingredient	LD 50	LC 50
2-propanol	Oral: 5045 mg/kg (5840 mg/kg bodyweight; Rat) Dermal: 5045 mg/kg (5840 mg/kg bodyweight; Rat)	Inhalation: 73 mg/l/4h (Rat)
Denatured Alcohol	Oral: 7060 mg/kg rat	Inhalation: 124.7 mg/L 4 H, rat

· Primary irritant effect:
· on the skin: No irritant effect.
· on the eye: Slight irritant effect on eyes.
· Sensitization: No sensitizing effects known.

· Additional toxicological information:
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12: Ecological information

12.1 Toxicity

· Aquatic toxicity: Not considered to be harmful to aquatic life.

12.1. Ecotoxicity:

2- propanol

LC50 fishes 1	4200 mg/l (96 h; Rasbora heteromorpha; Flow-through system)
EC50 Daphnia 1	> 10000 mg/l (48 h; Daphnia magna)
LC50 fish 2	9640 mg/l (96 h; Pimephales promelas; Lethal)
EC50 Daphnia 2	13299 mg/l (48 h; Daphnia magna)
Threshold limit algae 1	> 1000 mg/l (72 h; Scenedesmus subspicatus; Growth rate)
Threshold limit algae 2	1800 mg/l (72 h; Algae; Cell numbers)

Ecotoxicity: Ethyl alcohol

96 h LC50 Desmodesmus subspicatus: > 1000 mg/L 48 h EC50 Daphnia magna: 1:3299 mg/L

12.2 Persistence and degradability The product is partially biodegradable. Significant residuals remain.

12.3 Bioaccumulative 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 Waste treatment 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 nonhazardous wastes. Residual materials should be treated as hazardous.

· **Un-cleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

SECTION 14: Transport information

· **14.1 UN-Number** **N/A**
· **DOT, ADR, IMDG, IATA**
· **14.2 UN proper shipping name** **N/A**
· **DOT** **Not regulated**
· **ADR** **Not regulated**
· **IMDG, IATA** **Not regulated**

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
. United States (USA)

. SARA
· **Section 355 (extremely hazardous substances):**
None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

67-63-0	propan-2-ol

· **TSCA (Toxic Substances Control Act):**
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:**
None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**
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)**

67-63-0	propan-2-ol	3

· **TLV (Threshold Limit Value established by ACGIH)**

67-63-0	propan-2-ol	A4

· **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%)**	
67-63-0	2-propanol

· **Other regulations, limitations and prohibitive regulations**

This product has been classified in accordance with 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.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Revision date: 02/24/2020

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**

H227 Combustible liquid

H336 May cause drowsiness or dizziness.

· **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 Harmonized 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)