

SDS Revision Date:

Safety Data Sheet

Beeswax Wood Preserver

07/31/2014

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Identity

Beeswax Wood Preserver

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use

Application Method

1.3. Details of the supplier of the safety data sheet

Company Name

Emergency

CHEMTREC (USA)

Customer Service: livus Marketing, Inc.

Wood polish & conditioner

See Technical Data Sheet.

livus Marketing Inc.

19110 Country Hills Dr.

Cottonwood, CA 96022

(800) 424-9300

EMERGENCY PHONE: 1-800-867-2643

FAX PHONE: 1-530-347-0348

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Combustible Liquid;H227

Acute Tox. 4;H332

Skin Irrit. 3;H316

Aquatic Chronic 2;H411
Combustible Liquid.
Harmful if inhaled.
Causes mild skin irritation. (Not adopted by US OSHA)
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

Warning

H227 Combustible liquid.
H316 Causes mild skin irritation.
H332 Harmful if inhaled.

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H411 Toxic to aquatic life with long lasting effects.

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[Prevention] :

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves / eye protection / face protection.

[Response]:

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
P332+313 If skin irritation occurs: Get medical advice / attention.
P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P391 Collect spillage.

[Storage]:

P403+235 Store in a well ventilated place. Keep cool.

[Disposal]:

P501 Dispose of contents / container in accordance with local/national regulations.

3. Composition Information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations

Distillates (petroleum), hydrotreated heavy paraffinic
CAS Number: 0064742-54-7

Distillates (petroleum), hydrotreated light
CAS Number: 0064742-47-8

Paraffin
CAS Number: 0008002-74-2

Orange oil
CAS Number: 0008008-57-9

Beeswax
CAS Number: 0008012-89-3

Carnauba wax
CAS Number: 0008015-86-9

[1] Substance classified with a health or environmental hazard.
[2] Substance with a workplace exposure limit.
[3] PST-substance or vPvS-substance.
The full texts of the phrases are shown in Section 16.

Weight

50 - 75

25 - 50

1.0 - 10

1.0 - 10

1.0 - 10

1.0 - 10

GHS Classification

Asp. Tox. 1 ;H304
Aquatic Acute 2;H401
Aquatic Chronic 2;H411

Flam. Liq. 3;H226
Skin Irrit. 2;H315

Notes
[1]
[1]
[1][2]
[1]
[1]
[1]

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4. First aid measures

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Inhalation

4.1. Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview

Inhalation

Skin

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

Harmful if inhaled.

Causes mild skin irritation. (Not adopted by US OSHA)

5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.

Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat 1 sparks / open flames 1 hot surfaces - No smoking.

Avoid breathing dust / fume / gas / mist / vapors 1 spray.

5.3. Advice for fire-fighters

In the event of fire, wear full protective clothing and NIOSH Approved Self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Move container from fire area if it can

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be done without risk. Use water to keep fire exposed containers cool and disperse vapors.

ERG Guide No.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Do not allow spills to enter drains or watercourses.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

7. Handling and storage

7.1. Precautions for safe handling

Store in accordance with the National Fire Protection Association's publication NFPA 30, Flammable and Combustible Liquids Code. 29 CFR 1910.106 applies to the handling, storage, and use of flammable and combustible liquids.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Store in a cool dry area, away from heat, sparks and open flame. Keep containers sealed when not in use. Store out of direct sunlight.

Incompatible materials: Strong oxidizing agents and acids.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

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8. Exposure controls and personal protection

8.1. Control parameters		Exposure	
CAS No.	Ingredient	Source	Value
0008002-74-2	Paraffin	OSHA	No Established Limit
		ACGIH	TWA: 2 mg/m ³
		NIOSH	TWA2 mg/m ³
		Supplier	No Established Limit
0008008-57 -9	Orange oil	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0008012-89-3	Beeswax	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0008015-86-9	Carnauba wax	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0064742-47-8	Distillates (petroleum). hydrotreated light	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
0064742-54-7	Distillates (petroleum). hydrotreated heavy paraffinic	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m³ OSHA PEL and 10 mg/m³ ACGIH.

Carcinogen Data

OSHA	Select Carcinogen: No			
NTP	Known: No: Suspected:	No		
IARC	Group 1: No: Group 2a:	No;	Group 2b: No; Group 3: No;	Group 4: No;

OSHA	Select Carcinogen: No			
NTP	Known: No; Suspected:	No		
IARC	Group 1: No; Group 2a:	No;	Group 2b: No; Group 3: No;	Group 4: No;
OSHA	Select Carcinogen: No			
NTP	Known: No; Suspected: No			
IARC	Group 1: No; Group 2a: No;		Group 2b: No; Group 3: No; Group 4: No;	

CAS No.

0008002-74-2 Paraffin

0008008-57-9 Orange oil

0008012-89-3 Beeswax
Ingredient
Source

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Value

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0008015-86-9 Carnauba wax

0064742-47-8 Distillates (petroleum),
hydrotreated light

0064742-54-7 Distillates (petroleum).
hydrotreated heavy paraffinic

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OSHA Select Carcinogen: No

NTP Known: No; Suspected: No

IARC Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

OSHA Select Carcinogen: No

NTP Known: No; Suspected: No

IARC Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

OSHA Select Carcinogen: No

NTP Known: No; Suspected: No

IARC Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

8.2. Exposure controls

Respiratory

Eyes

Skin

Engineering Controls

Other Work Practices

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Safety glasses with side shields

Wear overalls to keep skin contact to a minimum. Impervious rubber gloves

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance

Odor

Odor threshold

pH Not Determined

Melting point 1 freezing point

Initial boiling point and boiling range

Flash Point

Evaporation rate (Ether = 1)

Flammability (solid, gas)

Upper/lower flammability or explosive limits

Vapor pressure (Pa)

Vapor Density

Specific Gravity

Solubility in Water

Partition coefficient n-octanol/water (Log Kow)

Creamy yellow Wax

Orange

Not Measured

Not Measured

Not Measured

> 93.33 C (>200 F)

60.55 C (141 F) Tag Closed Cup

< 1 (8uAc=1)

Not Applicable

Lower Explosive Limit: Not Measured

Upper Explosive Limit: Not Measured

Not Measured

> 1 (air=1)

Not Measured

Insoluble

Not Measured

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Auto-ignition temperature
Decomposition temperature
Viscosity (cSt)
Volatile
Not Measured
Not Measured
Not Measured
Not Available

9.2. Other information

DMSO extract by IP346: Less than 3.0 wt (mineral oil component only)

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid high temperatures. Do not mix with other chemicals.

10.5. Incompatible materials

Strong oxidizing agents and acids.

10.6. Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

11. Toxicological information

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Ingredient	Oral LOSO,	Skin LOSO,	Inhalation	Inhalation	Inhalation
	mg/kg	mg/kg	Vapor L050,	OustiMist L050,	Gas L050,
			mg/L/4hr	mg/L/4hr	ppm

Distillates (petroleum), hydrotreated heavy paraffinic - (64742-54-7)	5.000.00, Rat - Category: 5	No data available	No data available	2.18,Rat- Category: 4	No data available
Distillates (petroleum), hydrotreated light - (64742-47-8)	5.000.00, Rat - Category: 5	2,000.00, Rabbit - Category: 4	5.20, Rat- Category: 3	4.30, Rat- Category: 4	No data available
Paraffin - (8002-74-2)	5.000.00, Rat -	2,000.00,	No data	No data	No data
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Orange oil - (8008-57-9)

Beeswax - (8012-89-3)

Carnauba wax - (8015-86-9)

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Category: 5	Rabbit - Category: 4	available	available	available
5.000.00, Rat -	No data	13.00, Rat-	No data	No data
Category: 5	available	Category: 4	available	available
No data	No data	No data	No data	No data
available	available	available	available	available
No data	No data	No data	No data	No data
available	available	available	available	available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification

Acute toxicity (oral)

Acute toxicity (dermal)

Acute toxicity (inhalation)

Skin corrosion/irritation

Serious eye damage/irritation

Respiratory sensitization

Skin sensitization

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT -single exposure

STOT -repeated exposure

Aspiration hazard

Category

4

3

Hazard Description

Not Applicable

Not Applicable

Harmful if inhaled.

Causes mild skin irritation. (Not adopted by US OSHA)

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

Not Applicable

12. Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

Aquatic Ecotoxicity

Ingredient

Distillates (petroleum), hydrotreated heavy paraffinic -
(64742-54-7)

Distillates (petroleum), hydrotreated light - (64742-47-8)

Paraffin - (8002-74-2)

96 hr LC50 fish,
mg/l

Not Available

2.20, *Lepomis
macrochirus*

Not Available

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48 hr EC50 crustacea,
mg/l

Not Available

4,720.00, *Dendronereides
heteropoda*

Not Available

ErC50 algae,
mg/l

Not Available

Not Available

Not Available

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Orange oil - (8008-57-9)

Beeswax - (8012-89-3)

Carnauba wax - (8015-86-9)

12.2. Persistence and degradation

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

Not Available

Not Available

Not Available

Not Available

Not Available

Not Available

Not Available

Not Available

Not Available

13. Disposal considerations

13.1. Waste treatment methods

Do not allow into drains or water courses. Wastes and emptied containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, whether the special waste regulations apply.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO /IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Applicable	Not Applicable
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated

14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable	Air Class: Not Applicable
	DOT Label: ---	Sub Class: Not Applicable	
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			

IMDG
Marine Pollutant: Yes (Distillates (petroleum), hydrotreated light)

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14.6. Special precautions for user

No further information

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

Not Applicable

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification 83

US EPA Tier II Hazards

Fire: Yes

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:
(No Product Ingredients Listed)

EPCRA 302 Extremely Hazardous:
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:
(No Product Ingredients Listed)

Proposition 65 - Carcinogens (>0.0):
(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0):
(No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0.0):
(No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0.0):
(No Product Ingredients Listed)

N.J. RTK Substances (>1):
Paraffin

Penn RTK Substances (>1):
Paraffin

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16. Other information

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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapor.

H304 May be fatal if swallowed and enters
airways.

H315 Causes skin irritation.

H401 Toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

This is the first version in the GHS 50S format. Listings of changes from previous versions in other formats are not applicable.

Information contained herein was obtained from sources considered technically accurate and reliable. While every *effort* has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments.

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