



Trade name: Jodtinktur / Lamotte

Substance number: 721030

Version: 1 / CH

Date revised: 24.08.11

Replaces Version: - / CH

Date of printing: 22.06.12

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

1.1. Product identifier

Jodtinktur / Lamotte

Item-No. 72103002

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of person responsible for this SDS sdb@haenseler.ch

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)
Flam. Liq. 2 H225

Classification in accordance with EC directives

Classification R10

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal Word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P243 Take precautionary measures against static discharge.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P370+P378.1 In case of fire: Use water sprayjet, carbon dioxide, alcohol-resistant foam or dry powder for extinction.
P403+P235 Store in a well-ventilated place. Keep cool.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.



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R phrases

10 Flammable.

S phrases

2 Keep out of the reach of children.

7 Keep container tightly closed.

16 Keep away from sources of ignition - No smoking.

3. Composition/information on ingredients**Chemical characterization**Jodtinktur / Lamotte
Alcoholic solution
Jodtinktur / Lamotte
Medicinal products**Hazardous ingredients****Iodine**

CAS No.	7553-56-2				
EINECS no.	231-442-4				
Concentration	>=	1	<	10	%
Classification	Xn, R20/21 N, R50				

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4	H332
Acute Tox. 4	H312
Aquatic Acute 1	H400

Ethanol

CAS No.	64-17-5				
EINECS no.	200-578-6				
Concentration			>=	50	%
Classification	F, R11				

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 2	H225
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4. First aid measures**4.1. Description of first aid measures****General information**

If you feel unwell, seek medical advice (show the label where possible). Take off contaminated clothing and shoes immediately.

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

Wash immediately with plenty of water for several minutes. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Rinse mouth thoroughly with water. Summon a doctor immediately.



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5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, Carbon dioxide, Foam, Dry powder

Non Suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Wear full protective suit. Use self-contained breathing apparatus.

Other information

Cool endangered containers with water spray jet.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Remove persons to safety. Keep away sources of ignition.

6.2. Environmental precautions

Do not allow to enter drains or waterways. Advise water authority if spillage has entered water course or drainage system.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). Dispose of absorbed material in accordance with the regulations. Clean up affected area.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep away from heat and sources of ignition. Take precautionary measures against electrostatic loading. No special measures necessary if used correctly.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

Further information on storage conditions

Protect from light.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Ethanol

List

SUVA

Type

MAK

Value

960

mg/m³

500

ppm(V)



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Short term exposure limit 1920 mg/m³ 1000 ppm(V)
 Maximum limit value: 4x15; Pregnancy group: C; Status: 2005;

Iodine

List SUVA
 Type MAK
 Value 1 mg/m³ 0,1 ppm(V)
 Short term exposure limit 1 mg/m³ 0,1 ppm(V)
 Maximum limit value: 15 min; Status: 2005;

8.2. Exposure controls**General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks. Avoid contact with eyes. Observe the usual precautions when handling chemicals.

Respiratory protection

necessary; Do not breathe vapours, dust or aerosol. Provide adequate ventilation.

Hand protection

Nitrile gloves.

Eye protection

Tightly fitting safety glasses

Body protection

Light protective clothing; Fire-resistant protective clothing

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form liquid
Colour red-brown
Odour of ethanol
pH
 Remarks Not determined
Boiling point
 Value > 78 °C
 Source GESTIS-Stoffdatenbank
 (<http://www.dguv.de/ifa/de/gestis/stoffdb/index.jsp>)
Flash point
 Value 21 to 22 °C
 method closed cup
 Source GESTIS-Stoffdatenbank
 (<http://www.dguv.de/ifa/de/gestis/stoffdb/index.jsp>)
Vapour pressure
 Value < 5.8 kPa
 Temperature 20 °C
 Source GESTIS-Stoffdatenbank
 (<http://www.dguv.de/ifa/de/gestis/stoffdb/index.jsp>)
Density
 Value 0.92633 to 0.93132 g/cm³
 Source calculated value
Efflux time
 Value < 10 s
 method DIN 53211 4 mm



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Source estimated value

9.2. Other information

Other information

The physical data is that of the main component.

10. Stability and reactivity

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

Alkaline metals, peroxides, Ammonia, Oxidising agents, Reactions with metals in powder form.

10.6. Hazardous decomposition products

Hazardous determin decomposition products: Carbon monoxide, Carbon dioxide, Flammable gases/vapours

11. Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation

Remarks Irritating effects on the skin and mucous membrane.

Serious eye damage/irritation

Remarks Eye contact with the product may lead to irritation.

Experience in practice

The solvent vapours cause an irritating effect to the respiratory organs. Causes disorders of the central nervous system and can cause headache, respiratory difficulties or unconsciousness. Causes a numb feeling. Liver damage is possible.

Other information

When handled appropriately, even after long years of experience with this product, no adverse health effects are known.

12. Ecological information

12.6. Other adverse effects

General information / ecology

Toxic for aquatic organisms. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13. Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

14. Transport information

Land transport ADR/RID

14.1. UN number



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UN 1293

14.2. UN proper shipping name

TINCTURES, MEDICINAL

Danger releasing substance Ethanol, Methanol

14.3. Transport hazard class(es)

Class 3

Label 3

14.4. Packing group

Packing group II

Marine transport IMDG/GGVSee**14.1. UN number**

UN 1293

14.2. UN proper shipping name

TINCTURES, MEDICINAL

14.3. Transport hazard class(es)

Class 3

14.4. Packing group

Packing group II

Air transport ICAO/IATA**14.1. UN number**

UN 1293

14.2. UN proper shipping name

TINCTURES, MEDICINAL

14.3. Transport hazard class(es)

Class 3

14.4. Packing group

Packing group II

15. Regulatory information**16. Other information****R-phrases listed in chapter 3**

11	Highly flammable.
20/21	Harmful by inhalation and in contact with skin.
50	Very toxic to aquatic organisms.

Hazard statements listed in chapter 3

H225	Highly flammable liquid and vapour.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.