# Liofilchem<sup>®</sup>

### SAFETY DATA SHEET (According to Regulation EC n° 1907/2006)

Revision: 2 / Revision Date: 23.02.2016

### ENGLISH

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifiers

Product name: Optochine Test Product Number: 9501

#### **1.2 Identified uses of the relevant substance or mixture and uses advised against** Identified uses relevant: Professional uses, Health services, scientific research and development

### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Liofilchem<sup>®</sup> Address: Via Scozia, zona industriale, 64026 - Roseto degli Abruzzi (TE) Telephone number: 085/8930745 Fax number: 085/8930330 E-mail address: liofilchem@liofilchem.net **1.4 Emergency telephone number** +39 02-66101029 (Centro Antiveleni Niguarda Cà Granda - Milano).

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

This product does not meet the criteria for classification in any hazard class in accordance to Regulation (EC) No. 1272/2008. concerning the classification, labelling and packaging of substances and mixtures.

#### 2.2 Label elements

The product does not need to be labeled in accordance with EC directives or respective national laws.

2.3 Other hazards - none

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

#### Hazardous substances

According to the applicable law is not necessary to declare any component.

#### Additional Information:

For the full text of H codes and R phrases mentioned in this section, see section 16

#### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water.

In case of eye contact: As a precaution flush eyes with water.

If swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. If the person doesn't feel very well, consult a doctor

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

no data available

#### 4.3 Indication of any immediate medical attention and special treatment needed

no data available

#### 5. FIRE- FIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Special hazards arising from the substance or mixture

no data available

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#### 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

#### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

#### 6.2 Environmental precautions

Do not let product enter drains.

#### 6.3 Methods and materials for containment and cleaning

Pick up and arrange disposal. Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For information on safe handling, see Chapter 7.

For information on personal protection equipment see Chapter 8.

For disposal information see Chapter 13.

#### 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Provide appropriate exhaust ventilation. Normal measures for preventive fire protection.

#### 7.2 Conditions for safe storage, including any incompatibilities

Store in cool place, away from direct light and at the temperature indicated on the label.

#### 7.3 Specific end uses

no data available

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit value.

#### 8.2 Exposure controls

#### Exposure controls

Handle in accordance with good hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

Eyes/Face Protection: It is advisable wear safety goggles

Skin protection: Handle with gloves

Body Protection: Use protective clothes in accordance with laboratory good practices.

Respiratory protection: It is advisable wear dust mask.

#### **Environmental exposure control**

For information relating to environmental precautions, see chapter 6.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1 Information on basic physical and chemical properties

Appearance		
Form	Solido	
Color	White	
Odour		No data available
Odour Threshold		No data available
рН		No data available
Melting point/ freezing point		No data available
Initial boiling point and boiling range		No data available
Flash point		not applicable
Evaporation rate		No data available
Flammability (solid, gas)		not applicable
Upper / lower flammability or explosive limits		not applicable
Vapour pressure		No data available
Vapour density		No data available
Relative density		No data available
Water solubility		insoluble
Partition coefficient: n-octand	ol/water	No data available
Autoignition temperature		not applicable
Decomposition temperature		No data available
Viscosity		No data available
Explosive properties		not applicable

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No data available

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**Oxidizing properties** 

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**9.2 Other safety information** no data available

#### 10. STABILITY AND REACTIVITY

10.1 Reactivity no data available

**10.2 Chemical stability** Stable in normal conditions

**10.3 Possibility of hazardous reactions** no data available

**10.4 Conditions to avoid** Exposure to direct solar light.

## **10.5 Incompatible materials** no data available

**10.6 Hazardous decomposition products** no data available

#### **11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects Acute toxicity:** no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

**Carcinogenicity**: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional information: RTECS: no data available

#### **12. ECOLOGICAL INFORMATION**

**12.1 Toxicity** no data available

**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 mixture contains no substances evaluated PBT or vPvB

**12.6 Other adverse effects** no data available

**13. DISPOSAL CONSIDERATIONS** 

#### 13.1 Waste treatment methods

#### Product

Not be disposed of with household waste.Do not discharge into sewers.

The product must be specially treated adhering to official regulations administrative. Offer surplus and non-recyclable solutions to a licensed disposal company.

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**Contaminated packaging** Dispose of as unused product.

14.TRANSPORT INFORMATION	J			
14.1 UN number ADR/RID: -	IMDG: -	IATA: -		
<b>14.2 UN proper shipping name</b> ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods				
14.3 Transport hazard class(es ADR/RID: -	s) IMDG: -	IATA: -		
14.4 Packaging group ADR/RID: -	IMDG: -	IATA: -		
<b>14.5 Environmental hazards</b> ADR/RID: no	IMDG: no	IATA: no		

#### 14.6 Special precautions for user

no data available

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

#### no data available

#### **15. REGULATORY INFORMATION**

This safety datasheet complies with the requirements of European Parliament and of the Council Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and Commission Regulation (EU) No. 453/2010 amending Commission Regulation (EC) No. 1907/2006.

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

The product is classified, coded and labeled in accordance with EU Regulation on Hazardous Materials.

#### 15.2 Chemical Safety Assessment

This product has not been made a chemical safety assessment.

#### **16. OTHER INFORMATION**

#### Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

CLP: Regulation concerning the classification, labelling and packaging of substances and mixtures, Regulation (EC) No. 1272/2008.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

CL50: Middle lethal concentration of individuals in essay

DL50: The median lethal dose that causes death in 50% of individuals in essay

PBT: Persistent, bioaccumulative and toxic substance

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Regulation (EC) No. 1907/2006

RID: Regulations concerning the International Carriage of Dangerous Goods by Rail

vPvB: Very persistent and very bioaccumulative substance

#### Training advice

The product must be used by qualified personnel. It is recommended to provide basic training with regard to safety and health at work to ensure proper handling of the product.

#### **Further information**

This sheet replaces any previous edition.

The information in this document is based on the present state of our knowledge. The user must ensure the accuracy and completeness of such information in relation to the specific use intended.

Liofilchem® shall not be held liable for any damage resulting from handling or from contact with the above product. See <u>www.liofilchem.net</u>. for additional terms and conditions of sale.

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