

# SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING



### 1.1. Product identifier

Product name: LINITOP CLASSIC

Product code: lvcl01.

**ALL TONES** 

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

Wood finish

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

Registered company name: DURIEU S.A.: Siège Social.

Address: 2 bis, rue Charles de Gaulle.91070.BONDOUFLE.FRANCE. Telephone: + 33 (0)1.60.86.48.70. Fax: + 33 (0)1.60.86.84.84.

reglementaire@durieu.com

www.durieu.com



### 1.4. Emergency telephone number: + 33 (0)1.45.42.59.59.

Association/Organisation: INRS / ORFILA www.centres-antipoison.net.

### Other emergency numbers

UNITED KINGDOM: UK National poisons emergency number: +44 (0) 870 600 6266 IRELAND, EIRE: Ireland National Poisons Information Centre: +353 (0) 1 8379964 AUSTRALIA: Poison Information Centre: 131 126 NEW ZEALAND: Poison Information Centre 0 800 764 766:

# **SECTION 2: HAZARDS IDENTIFICATION**

# 2.1. Classification of the substance or mixture

### In compliance with EC regulation No. 1272/2008 and its amendments.

Repeated exposure may cause skin dryness or cracking (EUH066).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

## 2.2. Label elements

### In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard statements:

FUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements - General:

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

P102 Keep out of reach of children.

Precautionary statements - Prevention:

Do not breathe dust vapours.

P262 Do not get in eyes, on skin, or on clothing.

Precautionary statements - Response :

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.



# 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >= 0.1% published by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contain substances> = 0.1% with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

## 3.2. Mixtures



# Composition:

Identification	Classification (EC) 1272/2008	Note	%
INDEX: 296	GHS08		10 <= x % < 25
EC: 926-141-6	Dgr		
REACH: 01-2119456620-43-XXXX	Asp. Tox. 1, H304 EUH:066		
HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS			
INDEX: PCP186	GHS08		10 <= x % < 25
CAS: 64742-48-9	Dgr		
EC: 918-481-9	Asp. Tox. 1, H304		
REACH: 01-2119457273-39-XXXX	EUH:066		
HYDROCARBONS, C10-C13,			
N-ALKANES, ISOALKANES, CYCLICS,			
<2% AROMATICS			
INDEX: 299	GHS07, GHS08, GHS02		1 <= x % < 2.5
CAS: 64742-48-9	Dgr		
EC: 919-857-5	Flam. Liq. 3, H226		
REACH: 01-2119463258-33-XXXX	Asp. Tox. 1, H304		
	STOT SE 3, H336		
HYDROCARBONS, C9-C11,	EUH:066		
N-ALKANES, ISOALKANES, CYCLICS,			
< 2% AROMATICS			
INDEX: 603-053-00-3	GHS07	[1]	0.1 <= x % < 0.5
CAS: 107-41-5	Wng		
EC: 203-489-0	Eye Irrit. 2, H319		
REACH: 01-2119539582-35	Skin Irrit. 2, H315		
2-METHYLPENTANE-2,4-DIOL			
INDEX: 607-025-00-1	GHS02, GHS07	[1]	0 <= x % < 0.05
CAS: 123-86-4	Wng		
EC: 204-658-1	Flam. Liq. 3, H226		
REACH: 01-2119485493-29	STOT SE 3, H336 EUH:066		
N-BUTYL ACETATE	2011.000		
INDEX: 607-009-00-4	GHS08, GHS05, GHS07	[1]	0 <= x % < 0.05
CAS: 85-44-9	Dgr		
EC: 201-607-5	Acute Tox. 4, H302		
REACH: 01-2119457017	STOT SE 3, H335		
	Skin Irrit. 2, H315		
PHTHALIC ANHYDRIDE	Eye Dam. 1, H318		
	Resp. Sens. 1, H334		
	Skin Sens. 1, H317		
INDEX: 350	GHS09	[1]	0 <= x % < 0.05
CAS: 128-37-0	Wng		
EC: 204-881-4	Aquatic Acute 1, H400		
REACH: 01-2119565113-46-XXXX	M Acute = 1		
	Aquatic Chronic 1, H410		
2,6-DI-TERT-BUTYL-P-CRESOL	M Chronic = 1		



# Specific concentration limits:

specific concentration limits.					
Identification	Specific concentration limits	ATE			
INDEX: 603-053-00-3	Skin Irrit. 2: H315 >=10%				
CAS: 107-41-5					
EC: 203-489-0					
REACH: 01-2119539582-35					
2-METHYLPENTANE-2,4-DIOL					



# Information on ingredients :

(Full text of H-phrases: see section 16)

[1] Substance for which maximum workplace exposure limits are available.

### **SECTION 4: FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.



# 4.1. description of first aid measures

In the event of splashes or contact with eyes:

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.



### In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

If the contaminated aera is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

### In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

## 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.

### **SECTION 5: FIREFIGHTING MEASURES**

This product is not classed as flammable.

### 5.1. Extinguishing media

In the event of fire, use specifically suitable extinguishing agents. Never use water.



## Suitable methods of extinction

In the event of a fire, use:

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)
- dry chemical agents
- water with AFFF (Aqueous Film Forming Foam) additive

### Unsuitable methods of extinction

In the event of a fire, do not use:

Direct water jets

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO2)



### 5.3. Advice for firefighters

No data available.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Consult the safety measures listed under headings 7 and 8.

### For non first aid worker

Avoid any contact with the skin and eyes.

# For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

## 6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

## **SECTION 7: HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

### Fire prevention:

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Never pour water into this mixture.

Packages which have been opened must be reclosed carefully and stored in an upright position.

### Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

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

Keep only in the original container

Stock between +5°C and +30°C in a dry, well ventilated place.

### Storage

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.



### **Packaging**

Always keep in packaging made of an identical material to the original.

Recommended types of packaging :

- Buckets
- Vats
- Jars

Suitable packaging materials :

- Coated steel

## 7.3. Specific end use(s)

No data available.

# **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

## 8.1. Control parameters



# Occupational exposure limits :

- European Union (2022/431, 2019/1831, 2017/2398, 2017/164, 2009/161, 2006/15/CE, 2000/39/CE, 98/24/CE):

CAS	VME-mg/m3:	VME-ppm:	VLE-mg/m3:	VLE-ppm:	Notes:
123-86-4	241	50	723	150	
- France (INRS	- Outils 65 / 2021-18	49, 2021-1763, decre	e of 09/12/2021):		

CAS	VME-ppm:	VME-mg/m3:	VLE-ppm:	VLE-mg/m3:	Notes:	TMP No:	
107-41-5	-	-	25	125	-	84	
123-86-4	50	241	150	723	-	84	
85-44-9	-	-	-	6	ALL	66.66 Bis	
128-37-0	-	10	-	_	-	_	

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020):

CAS	TWA:	STEL:	Ceiling:	Definition :	Criteria :
107-41-5	25 ppm	25 ppm			
	123 mg/m <sup>3</sup>	123 mg/m³			
123-86-4	150 ppm	200 ppm			
	724 mg/m <sup>3</sup>	966 mg/m <sup>3</sup>			

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85-44-9	4 mg/m³	12 mg/m³	Sen	
128-37-0	10 mg/m <sup>3</sup>			

### 8.2. Exposure controls

### Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.



Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended:

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVA (Polyvinyl alcohol)

Permeability time: >480 min for a thickness >0.45 mm

CEN recommendations : EN 420 and EN 374/3



## - Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing:

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact. Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.



### - Respiratory protection

Category:

- FFP2

Type of mask with combined filters:

Wear a half mask in accordance with standard EN140.

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387:

- A1 (Brown)
- AX (Brown)

Particle filter according to standard EN143:

- P2 (White)

# **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

# 9.1. Information on basic physical and chemical properties

# Physical state Physical state :

<b>W</b>	Colour	
	Colour :	Depend on tones
<b>W</b>	Odour	
	Odour threshold :	Not stated.
<b>W</b>	Melting point	
	Melting point/melting range :	Not relevant.
<b>W</b>	Freezing point	

Fluid liquid.

Freezing point / Freezing range: Not stated.

# Boiling point or initial boiling point and boiling range Boiling point/boiling range:

Not relevant. **Flammability** Flammability (solid, gas): Not stated.

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Lower and upper explosion limit	
Explosive properties, lower explosivity limit (%):	Not stated.
Explosive properties, upper explosivity limit (%):	Not stated.
Flash point	
Flash Point :	62.00 °C.
Auto-ignition temperature	
Self-ignition temperature :	Not relevant.
Decomposition temperature	
Decomposition point/decomposition range :	Not relevant.
pH	
pH (aqueous solution):	Not stated.
pH:	Not relevant.
Kinematic viscosity	
Viscosity:	>20.5mm²/s (40°C)
	Method for determining the viscosity:
	ISO 3104 (Petroleum products - Transparent and opaque liquids -
	Determination of kinematic viscosity and calculation of dynamic
	viscosity).
Solubility	
Water solubility:	Insoluble.
Fat solubility:	Not stated.
Partition coefficient n-octanol/water (log value)	
Partition coefficient: n-octanol/water :	Not stated.
Vapour pressure	
Vapour pressure (50°C):	Not relevant.
Density and/or relative density	

< 1

Vap

Relative vapour density

Vapour density : Not stated.

9.2. Other information

Density:

 VOC (g/l):
 390

 % VOC:
 <41%</td>

9.2.1. Information with regard to physical hazard classes

No data available.

9.2.2. Other safety characteristics

No data available.

### **SECTION 10: STABILITY AND REACTIVITY**

### 10.1. Reactivity

No data available.

## 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

### 10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

## 10.4. Conditions to avoid

Avoid:

- humidity

Protect from moisture. Reaction with water can cause an exothermic reaction.

## 10.5. Incompatible materials

Keep away from:

- water

## 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO2)

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# **SECTION 11: TOXICOLOGICAL INFORMATION**



### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness. Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

### 11.1.1. Substances



# Acute toxicity:

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

LD50 > 5000 mg/kg bodyweight/day Oral route:

Species: Rat

OECD Guideline 401 (Acute Oral Toxicity)

Dermal route: LD50 > 5000 mg/kg bodyweight/day

Species: Rabbit

OECD Guideline 402 (Acute Dermal Toxicity)

Inhalation route (Vapours): LC50 > 5000 mg/l

Species: Rat

OECD Guideline 403 (Acute Inhalation Toxicity)

### Germ cell mutagenicity:

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

No mutagenic effect.

### Carcinogenicity:

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

Carcinogenicity Test: Negative.

No carcinogenic effect.

## Reproductive toxicant:

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

No toxic effect for reproduction

OECD Guideline 414 (Prenatal Developmental Toxicity Study)

### 11.1.2. Mixture

No toxicological data available for the mixture.



# 11.2. Information on other hazards



### Monograph(s) from the IARC (International Agency for Research on Cancer):

CAS 128-37-0: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans. CAS 9002-88-4: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans. CAS 7631-86-9: IARC Group 3: The agent is not classifiable as to its carcinogenicity to humans.

### **SECTION 12: ECOLOGICAL INFORMATION**

## 12.1. Toxicity



### 12.1.1. Substances

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9)

LC50 = 1000 mg/lFish toxicity:

> Species: Oncorhynchus mykiss Duration of exposure: 96 h

Crustacean toxicity: EC50 = 1000 mg/l

> Species: Daphnia magna Duration of exposure: 48 h

Algae toxicity: ECr50 = 1000 mg/l

Species: Pseudokirchnerella subcapitata

Duration of exposure: 72 h

### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

12.3. Bioaccumulative potential

# **(**

### 12.2.1. Substances

HYDROCARBONS, C10-C13, N-ALKANES, ISOALKANES, CYCLICS, <2% AROMATICS (CAS: 64742-48-9) Biodegradability: Rapidly degradable.

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.



# 12.6. Endocrine disrupting properties

No data available.



## 12.7. Other adverse effects

No data available.

# **SECTION 13: DISPOSAL CONSIDERATIONS**

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.



### Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

### Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

## Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste):

15 01 10 \* packaging containing residues of or contaminated by dangerous substances

08 01 11 \* waste paint and varnish containing organic solvents or other dangerous substances

## **SECTION 14: TRANSPORT INFORMATION**

Exempt from transport classification and labelling.



14.1. UN number or ID number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

-

14.5. Environmental hazards

14.6. Special precautions for user



14.7. Maritime transport in bulk according to IMO instruments

# SECTION 15: Regulatory information

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



## Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2022/692 (ATP 18)



## Container information:

No data available.



Restrictions applied under Title VIII of Regulation (EC) No. 1907/2006 (REACH):

The mixture does not contain any substance restricted under Annex XVII of Regulation (EC) No. 1907/2006 (REACH):

https://echa.europa.eu/substances-restricted-under-reach.



### **Explosives precursors:**

The mixture does not contain any substance subject to Regulation (EU) 2019/1148 on the marketing and use of explosives precursors.



## Labelling for VOCs present in varnishes, paints and in vehicle refinishing products (2004/42/EC):

The permitted European level of VOC in this ready-to-use product is limited to 400 g/l.

The permitted European levels of VOC in the ready-to-use product (category IIAe) are 500 g/l maximum in 2007 and 400 g/l maximum in 2010.



### Particular provisions:

No data available.

### 15.2. Chemical safety assessment

No data available.

### **SECTION 16: OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.



### Wording of the phrases mentioned in section 3:

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.



### Abbreviations and acronyms:

LD50: The dose of a test substance resulting in 50% lethality in a given time period.

LC50: The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

ECr50: The effective concentration of substance that causes 50% reduction in growth rate.

REACH: Registration, Evaluation, Authorization and Restriction of Chemical Substances.

STEL: Short-term exposure limit

TWA: Time Weighted Averages

TMP : French Occupational Illness table

TLV: Threshold Limit Value (exposure)

AEV: Average Exposure Value.

ADR: European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefahrdungsklasse (Water Hazard Class).

PBT: Persistent, bioaccumulable and toxic. vPvB: Very persistent, very bioaccumulable.

SVHC: Substances of very high concern.