



# SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

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

### 1.1. Product identifier

Product name : LINITOP ACRYL PRIM  
Product code : LNACPR01.  
(All tones)

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

Paint and varnish

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

Registered company name : DURIEU S.A..  
Address : Z.I. "La Marinière" 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.  
info@durieu.com  
www.durieu.com

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

Association/Organisation : INRS / ORFILA <http://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.

May produce an allergic reaction (EUH208).

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.

Additional labeling :

EUH208 Contains 3-iodo-2-propynyl butylcarbamate (IPBC). May produce an allergic reaction.  
EUH208 Contains 2,4,7,9-tetramethyldec-5-ene-4,7-diol. May produce an allergic reaction.  
EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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 :

P260 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.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### Composition :

Identification	(EC) 1272/2008	Note	%
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INDEX: 007 CAS: 57-55-6 EC: 200-338-0 REACH: 01-2119456809-23  1,2-PROPANEDIOL		[1]	1 <= x % < 2.5
INDEX: 603-014-00-0 CAS: 111-76-2 EC: 203-905-0  2-BUTOXYETHANOL	GHS07 Wng Acute Tox. 4, H332 Acute Tox. 4, H312 Acute Tox. 4, H302 Eye Irrit. 2, H319 Skin Irrit. 2, H315	[1]	1 <= x % < 2.5
INDEX: 061 CAS: 55406-53-6 EC: 259-627-5  3-iodo-2-propynyl butylcarbamate (IPBC)	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Sens. 1, H317 Eye Dam. 1, H318 Acute Tox. 4, H332 STOT SE 3, H335 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	[1]	0 <= x % < 1
INDEX: 147 CAS: 126-86-3 EC: 204-809-1 REACH: 01-2119954390-3  2,4,7,9,-TETREMETHYLDEC-5-YNE-4 ,7 DIOL	GHS05, GHS07 Dgr Skin Sens. 1B, H317 Eye Dam. 1, H318 Aquatic Chronic 3, H412		0 <= x % < 1
INDEX: 199 CAS: 2634-33-5 EC: 220-120-9  1,2-BENZISOTHIAZOL-3(2H)-ONE	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Chronic 2, H411 Aquatic Acute 1, H400 M Acute = 1		0 <= x % < 0.05

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

#### Information on ingredients :

[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 exposure by inhalation :

In the event of an allergic reaction, seek medical attention.

In case of long exposure, without any protection, can cause temporary irritation.

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

Wash thoroughly with soft clean water for 15mn holding the eyelids open.

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

In the event of an allergic reaction, seek medical attention.

Wash thoroughly with soft clean water.

#### In the event of swallowing :

Seek medical attention, showing 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

##### Suitable methods of extinction

In the event of a fire, use :

- water with AFFF (Aqueous Film Forming Foam) additive
- carbon dioxide (CO<sub>2</sub>)
- sprayed water or water mist
- multipurpose ABC powder
- foam

##### Unsuitable methods of extinction

Direct water jet.

#### 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 (CO<sub>2</sub>)

#### 5.3. Advice for firefighters

Suitable breathing apparatuses can be necessary.

### 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 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.

Avoid getting on skin or in eyes when handling product.

##### Fire prevention :

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.

##### 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

Opened container must be thoroughly closed and kept in vertical position.

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

### Storage

Keep out of reach of children.

### Packaging

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

Recommended types of packaging :

- Jars

Suitable packaging materials :

- Coated steel

Unsuitable packaging materials :

- Metal

### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits :

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

CAS	VME-mg/m <sup>3</sup> :	VME-ppm :	VLE-mg/m <sup>3</sup> :	VLE-ppm :	Notes :
111-76-2	98	20	246	50	Peau

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
111-76-2	20 ppm			A3; BEI	

- Germany - AGW (BAuA - TRGS 900, 29/01/2018) :

CAS	VME :	VME :	Excess	Notes
111-76-2		10 ppm 49 mg/m <sup>3</sup>		4(II)
55406-53-6		0,005 ppm 0,058 mg/m <sup>3</sup>		2(I)

- France (INRS - ED984 :2016) :

CAS	VME-ppm :	VME-mg/m <sup>3</sup> :	VLE-ppm :	VLE-mg/m <sup>3</sup> :	Notes :	TMP No :
111-76-2	10	49	50	246	*	84

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
57-55-6	150 ppm 474 mg/m <sup>3</sup>	- ppm - mg/m <sup>3</sup>			
111-76-2	25 ppm 123 mg/m <sup>3</sup>	50 ppm 246 mg/m <sup>3</sup>		Sk, BMGV	

### 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.

Use personal protection equipment.

#### - Hand protection

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 EN374.

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 :

- Natural latex

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVC (polyvinyl chloride)

- Butyl Rubber (Isobutylene-isoprene copolymer)

Recommended properties :

- Impervious gloves in accordance with standard EN374

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

CEN recommendations : EN 420 and EN 374/3

#### - Body protection

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.

After contact with the product, soiled clothing must be removed and the skin must be cleaned with soap and water or a suitable cleaner for skin.

#### - Respiratory protection

Type of FFP mask :

Wear a disposable half-mask aerosol filter in accordance with standard EN149.

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)

CEN recommendations : EN 136, EN 140, EN 405 for masks and EN 143, EN 149 for filters.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

#### General information :

Physical state :	Fluid liquid.
Colour :	Depend on tones
odours :	small

#### Important health, safety and environmental information

pH :	8.50 .
	Slightly basic.
Boiling point/boiling range :	100 °C.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Below 110 kPa (1.10 bar).
Density :	> 1
Water solubility :	Dilutable.
Melting point/melting range :	Not specified.
Self-ignition temperature :	100 °C.
Decomposition point/decomposition range :	Not specified.
% VOC :	<5%

### 9.2. Other information

VOC (g/l) :	50
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## 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

No data available.

### 10.4. Conditions to avoid

Avoid :

- frost

Refer to §7.

Always stock in its original packaging. Do not transfer in another package.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)

- carbon dioxide (CO<sub>2</sub>)

## SECTION 11 : TOXICOLOGICAL INFORMATION

Slightly toxic. Can cause varying degrees of harm to the lungs. Based on relative experimental data on products with similar structure.

Slightly irritating on skin if exposed over extended period. Based on relative experimental data on products with similar structure.

Can cause slight temporary eye irritation. Based on relative experimental data on products with similar structure.

### 11.1. Information on toxicological effects

2-butoxyethanol and its acetate are absorbed directly through the skin and have harmful effects on the blood.

#### 11.1.1. Substances

##### Acute toxicity :

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Oral route : LD50 = 597 mg/kg  
Species : Rat  
OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)

Dermal route : LD50 > 2000 mg/kg  
Species : Rat  
OCDE Ligne directrice 402 (Toxicité aiguë par voie cutanée)

3-IODO-2-PROPYNYL BUTYLCARBAMATE (IPBC) (CAS: 55406-53-6)

Oral route : LD50 = 1056 mg/kg  
Species : Rat  
OCDE Ligne directrice 401 (Toxicité aiguë par voie orale)

Dermal route : LD50 > 2000 mg/kg  
Species : Rat  
OCDE Ligne directrice 402 (Toxicité aiguë par voie cutanée)

#### 11.1.2. Mixture

##### Respiratory or skin sensitisation :

Contains at least one sensitising substance. May cause an allergic reaction.

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

CAS 111-76-2 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

## SECTION 12 : ECOLOGICAL INFORMATION

### 12.1. Toxicity

Probably low dangerous to aquatic organisms

#### 12.1.1. Substances

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Fish toxicity : LC50 = 0.74 mg/l  
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 2.44 mg/l  
Species : Daphnia magna  
Duration of exposure : 48 h

3-IODO-2-PROPYNYL BUTYLCARBAMATE (IPBC) (CAS: 55406-53-6)

Fish toxicity : LC50 = 0.067 mg/l  
Species : Others  
Duration of exposure : 96 h

NOEC = 0.0084 mg/l  
Factor M = 1  
Species : Pimephales promelas  
Duration of exposure : 35 jours

Crustacean toxicity : EC50 = 0.16 mg/l  
Species : Daphnia magna  
Duration of exposure : 48 h

EC50 mg/l  
Species : Daphnia magna  
Duration of exposure : 21 jours

Species : Others

Algae toxicity :

ECr50 = 0.022 mg/l  
Species : Scenedesmus subspicatus  
Duration of exposure : 72 h

NOEC = 0.0046 mg/l  
Factor M = 1  
Species : Scenedesmus subspicatus

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

#### 12.2. Persistence and degradability

Insufficient data.

##### 12.2.1. Substances

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Biodegradability : Rapidly degradable.

3-IODO-2-PROPYNYL BUTYLCARBAMATE (IPBC) (CAS: 55406-53-6)

Biodegradability : Rapidly degradable.

#### 12.3. Bioaccumulative potential

##### 12.3.1. Substances

1,2-BENZISOTHIAZOL-3(2H)-ONE (CAS: 2634-33-5)

Octanol/water partition coefficient : log K<sub>ow</sub> = 0.4

Bioaccumulation : BCF = 1.4

3-IODO-2-PROPYNYL BUTYLCARBAMATE (IPBC) (CAS: 55406-53-6)

Octanol/water partition coefficient : log K<sub>ow</sub> = 2.81

#### 12.4. Mobility in soil

Contains volatile products that will disperse in air.

Contains a solid phase.

This product is dilutable in water in all proportion.

#### 12.5. Results of PBT and vPvB assessment

No data available.

#### 12.6. 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, preferably 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) :

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

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

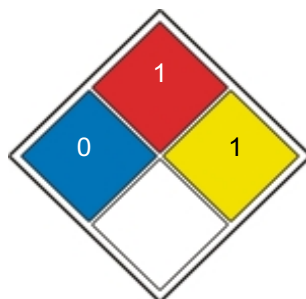
**SECTION 14 : TRANSPORT INFORMATION**

Exempt from transport classification and labelling.

- 14.1. UN 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**  
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**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. 2017/776 (ATP 10)
- Container information:**  
No data available.
- 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 50 g/l.  
The permitted European levels of VOC in the ready-to-use product (category II A<sub>e</sub>) are 150 g/l maximum in 2007 and 130 g/l maximum in 2010.
- Particular provisions :**  
No data available.
- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :**  
NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none

**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.

A symbol shown on the side of the page, indicates that the paragraph has been modified and supersedes all previous versions of the same paragraph.

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

H302	Harmful if swallowed.
H302 + H332	Harmful if swallowed or if inhaled.
H312	Harmful in contact with skin.



H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Abbreviations :**

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.