



**Safety Data Sheet dated 21/6/2013, version 1**

**Printing date:22/1/2016**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

1.1. Product identifier

Trade name: LAMBICOL PAN 60  
MSDS code: F007687  
Chemical description: Acrylic polymer dispersion in solvent.



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

Industrial uses.

1.3. Details of the supplier of the safety data sheet

Supplier:  
LAMBERTI S.p.A. - Via Piave 18 - 21041 Albizzate (VA)  
Tel.: +39 0331 715 111 - Fax.: +39 0331 775 577 - e-mail: hse@lamberti.com

Competent person responsible for the safety data sheet:

hse@lamberti.com

1.4. Emergency telephone number

LAMBERTI S.p.A. - Tel. : +39 0331 715 111 - 24h

**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Danger, Eye Dam. 1, Causes serious eye damage.

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

This product is not a hazardous article and need not be labelled according to EC-Directive 67/548, 1999/45 as amended.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Special provisions according to Annex XVII of REACH and subsequent amendments:

Danger, Eye Dam. 1, Causes serious eye damage.

H318- Causes serious eye damage.

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

**SECTION 3: Composition/information on ingredients**

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and related classification:

20% - 30% Hydrocarbons, C10-C13, isoalkanes, cyclics, <2% aromatics

REACH No.: 01-2119474196-32-XXXX, Index number: N.D., CAS: 64742-48-9, EC: 918-317-6

Xn; R65-66

3.10/1 Asp. Tox. 1 H304

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1% - 5% Ethoxylated fatty alcohol.

REACH No.: N.A., Index number: N.D., CAS: 78330-21-9 EC:N.D.

Xn,Xi; R22-41

3.1/4/Oral Acute Tox. 4 H302

3.3/1 Eye Dam. 1 H318

1% - 5% Fatty acids diethanolamides

REACH No.: N.D., Index number: N.D., CAS: 13961-86-9, EC: 237-740-0

Xi; R38-41

3.2/2 Skin Irrit. 2 H315

3.3/1 Eye Dam. 1 H318

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#### **SECTION 4: First aid measures**

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. Seek immediately medical advice.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Not known.

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

Treatment:

Not known.

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#### **SECTION 5: Firefighting measures**

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

Not known.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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#### **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

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Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

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## SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Instructions as regards storage premises:

Adequate ventilation in working area.

Packaging suggested:

Plastic drums.

7.3. Specific end use(s)

None in particular

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## SECTION 8: Exposure controls/personal protection

8.1. Control parameters

TLV: Not established.

DNEL Exposure Limit Values

N.D.

PNEC Exposure Limit Values

N.D.

8.2. Exposure controls

Eye protection:

Use close fitting safety goggles. (ref. EN 166, EN 140, EN175).

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton. (ref. EN 340).

Protection for hands:

Chemical-resistant protective gloves (EN 374). When prolonged or frequently repeated contact may occur, a glove is recommended to prevent contact. Examples of preferred glove barrier materials include: Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). As general indication we suggest as suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): nitrile rubber (NBR;  $\geq 0.4$  mm thickness) and suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (NBR;  $\geq 0.4$  mm thickness). This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances-mixtures.

Respiratory protection:

Use adequate protective respiratory equipment. (ref. EN 136, EN 140, EN 141, EN 143, EN 149, EN 405).

Thermal Hazards:

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None  
Environmental exposure controls:  
None

## SECTION 9: Physical and chemical properties

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

Appearance and colour:	Liquid
Odour:	Characteristic
Odour threshold:	N.D.
pH:	ca. 8.5 (sul tal quale)
Melting point / freezing point:	N.D.
Initial boiling point and boiling range:	N.D.
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.D.
Vapour density:	N.D.
Flash point:	ca. 62 °C Pensky-Martens
Evaporation rate:	N.D.
Vapour pressure:	N.D.
Relative density:	N.D.
Solubility in water:	Dispersible.
Solubility in oil:	N.D.
Partition coefficient (n-octanol/water):	N.D.
Auto-ignition temperature:	N.D.
Decomposition temperature:	N.D.
Viscosity:	N.D.
Explosive properties:	N.D.
Oxidizing properties:	N.D.

### 9.2. Other information

Miscibility:	N.D.
Fat Solubility:	N.D.
Conductivity:	N.D.
Substance Groups relevant properties	N.D.

## SECTION 10: Stability and reactivity

- 10.1. Reactivity  
Stable under normal conditions
- 10.2. Chemical stability  
Stable under normal conditions
- 10.3. Possibility of hazardous reactions  
Stable under normal conditions
- 10.4. Conditions to avoid  
Stable under normal conditions.
- 10.5. Incompatible materials  
Strong oxidizers.
- 10.6. Hazardous decomposition products  
Not known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological information of the mixture:

- a) acute toxicity:  
LD50 Oral Rat > 2000 mg/kg Calculated data.
- b) skin corrosion/irritation:  
Irritation Repeated and prolonged contacts may cause slight irritation.
- c) serious eye damage/irritation:

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Irritation Eye Repeated and prolonged contacts may cause slight irritation.

Toxicological information of the main substances found in the mixture:

Other : N.D.

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.D.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

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## SECTION 12: Ecological information

### 12.1. Toxicity

Ecological information of the mixture:

N.D.

### 12.2. Persistence and degradability

Ecological information of the mixture:

Ecological information of the main substances found in the mixture:

N.D.

### 12.3. Bioaccumulative potential

Ecological information of the main substances found in the mixture:

Ecological information of the mixture:

N.D.

### 12.4. Mobility in soil

Ecological information of the mixture:

Ecological information of the main substances found in the mixture:

N.D.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Other adverse effects

None

Use according to criteria of good industrial practice, avoiding product dispersion in the environment.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

If possible recover the product, otherwise dispose of in authorized landfill or incineration in accordance with local regulation.

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## SECTION 14: Transport information

### 14.1. UN number

N.A.

### 14.2. UN proper shipping name

Proper Shipping Name: N.A.

### 14.3. Transport hazard class(es)

Road (ADR): N.A.

Air (ICAO/IATA): N.A.

Sea (IMO/IMDG): N.A.

### 14.4. Packing group

ADR-Packing Group: N.A.

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- 14.5. Environmental hazards  
Environmental Pollutant: No
- 14.6. Special precautions for user
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code  
N.D.

### SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP) (Annex VI), Regulation (CE) n.790/2009.

Refer to other local regulations that may be relevant (i.e. : sanitary control, waste treatment etc.)  
R65 phrase is not applicable in accordance to 21 st amendment - note 4. Yes

- 15.2. Chemical safety assessment  
No

### SECTION 16: Other information

N.A. = Not Applicable

N.D. = No Data available

Full text of phrases referred to in Section 3:

R22 Harmful if swallowed.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

H304 May be fatal if swallowed and enters airways.

H302 Harmful if swallowed.

H318 Causes serious eye damage.

H315 Causes skin irritation.

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

TOXNET - Databases on toxicology, hazardous chemicals, environmental health, and toxic releases;

NIOSH - Registry of toxic effects of chemical substances (1983) - Occupational Health

Guidelines for Chemical Hazards (1995) - Pocket Guide to Chemical Hazards (on line)

European Chemical Bureau - ESIS: European chemical Substances Information System;

CESIO - Classification and labelling of anionic, nonionic surfactants (January 2000).

M.Sittig-Handbook of toxic and Hazardous Chemicals and Carcinogens- III Ed.

E.R. Plunkett - Handbook of Industrial Toxicology - III Ed. 1991.

Samson Chem. Pub.-Chemical Safety Sheet working safely with hazardous chemical.

SAX'S Dangerous Properties of Industrial Materials. VIII (1993)

ACGIH "2012 TLVs and BEIs".

ILV "1998/24/EC Directive and subsequent addition".

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

CAS: Chemical Abstracts Service (division of the American Chemical  
Society).

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CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
REACH:	Registration Evaluation and Authorization of Chemicals.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
SVHC:	Candidate List of Substances of Very High Concerns.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.

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