

SAFETY DATA SHEET  
ACETONE

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**Product name:** Acetone  
**Use of substance / mixture:** PC 39: Cosmetics, personal care products.  
**Details of the supplier:**  
**Company name:** PNP (Professional Nail Products)  
 Distributed in the UK by LashBase Limited, Waterlooville PO7 7XN U.K.

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**National Poison Centre Netherlands tel: +31 (0)30 - 2748888**  
 'Only for the purpose of informing medical personnel in cases of acute intoxications'.

**SECTION 2. HAZARDS IDENTIFICATION**



**2.1. Classification of the substance or mixture**

<b>Classification under CHIP</b>	F+: R12; Xi: R36; -: R66; -: R67
<b>Classification under CLP</b>	STOT SE 3: H336; Eye Irrit. 2: H319; Flam. Liq. 1: H224
<b>Most important adverse effects</b>	Extremely flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

**2.2. Label elements**

<b>Label elements under CLP</b>	
<b>Hazard statements</b>	H224: Extremely flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.
<b>Signal words</b>	Danger
<b>Hazard pictograms</b>	GHS02: Flame GHS07: Exclamation mark  
<b>Precautionary statements</b>	P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection. P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312: Call a POISON CENTER or doctor if you feel unwell. P370+378: In case of fire: Use for extinction.

<b>Label elements under CHIP</b>	
<b>Hazard symbols</b>	Extremely flammable.

	Irritant:  
<b>Risk phrases</b>	R12: Extremely flammable. R36: Irritating to eyes. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.
<b>Safety phrases</b>	S3/9: Keep in a cool, well ventilated place. S16: Keep away from sources of ignition - No smoking. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S33: Take precautionary measures against static discharges.

### 2.3 Other hazards

<b>Other hazards</b>	In use, may form flammable/explosive vapour-air mixture.
<b>PBT</b>	This substance is not identified as a PBT substance.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

#### Hazardous ingredients

#### ACETONE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-662-2	67-64-1	[F] R11; [Xi] R36; [-] R66; [-] R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	75-100

Contains: CONTAINS PARFUM (See full INCI listing)

## SECTION 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>Skin contact</b>	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
<b>Eye contact</b>	Bathe the eye with running water for 15 minutes. Consult a doctor.
<b>Ingestion</b>	Wash out mouth with water. Consult a doctor.
<b>Inhalation</b>	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

<b>Skin contact</b>	There may be irritation and redness at the site of contact
<b>Eye contact</b>	There may be irritation and redness. The eyes may water profusely.
<b>Ingestion</b>	There may be soreness and redness of the mouth and throat.
<b>Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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

## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

<b>Extinguishing Media</b>	Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.
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### 5.2. Special hazards arising from the substance or mixture

<b>Exposure hazards</b>	Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.
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### 5.3 Advice for fire-fighters

<b>Advice for fire-fighters</b>	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

<b>Personal precautions</b>	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or rivers. Contain the spillage using bunding.
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### 6.3. Methods and material for containment and cleaning up

<b>Clean-up procedures</b>	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.
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### 6.4. Reference to other sections

## SECTION 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

<b>Handling requirements</b>	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.
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### 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage conditions</b>	Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.
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### 7.3. Specific end use(s)

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Hazardous ingredients

#### ACETONE

#### Workplace exposure limits:

#### Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1210 mg/m <sup>3</sup>	3620 mg/m <sup>3</sup>	-	-

### 8.2. DNEL/PNEC Values

DNEL/PNEC	No data available.
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### 8.3. Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
Respiratory protection	Self-contained breathing apparatus must be available in case of emergency.
Hand protection	Protective gloves.
Eye protection	Safety glasses. Ensure eye bath is to hand.
Skin protection	Protective clothing.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

State	Liquid
Colour	Colourless
Odor	Characteristic odor
Flash point°C	-20.00

### 9.2. Other information

Other information	No data available.
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## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

### 10.2. Chemical stability

Chemical stability	Stable under normal conditions. Stable at room temperature.
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### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Conditions to avoid	Heat. Hot surface. Source of ignition. Flames.
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### 10.5. Incompatible materials

Materials to avoid	Strong oxidizing agents. Strong acids.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	In combustion emits toxic fumes.
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## 10.7. Hazardous polymerization

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicity values:

ORL	LD50	5800	mg/kg
ORL	LD50	3000	mg/kg
IVN	LDLO	5500	mg/kg

Hazardous ingredients:

#### ACETONE

IVN	LD50	5500	mg/kg
ORL	LD50	3000	mg/kg
ORL	LD50	5800	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT	Hazardous: calculated

### 11.2. Symptoms / routes of exposure

<b>Skin contact</b>	There may be irritation and redness at the site of contact.
<b>Eye contact</b>	There may be irritation and redness. The eyes may water profusely.
<b>Ingestion</b>	There may be soreness or redness of the mouth and throat.
<b>Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecotoxicity values.

Test	Value	Units
LC50	8300	mg/l

### 12.2. Persistence and degradability

<b>Persistence and degradability</b>	Biodegradable.
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### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential</b>	No bioaccumulation potential.
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### 12.4. Mobility in soil

<b>Mobility:</b>	Readily absorbed into soil.
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### 12.5. Results of PBT and vPvB assessment

<b>PBT identification</b>	This substance is not identified as a PBT substance.
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### 12.6. Other adverse effects

Other adverse effects	Negligible exotoxicity.
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## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Disposal operations	Transfer to a suitable container and arrange for collection by specialised disposal company.
NB	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## SECTION 14. TRANSPORT INFORMATION

### 14.1. UN number

UN number	UN 1090
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### 14.2. UN proper shipping name

Shipping name	ACETONE (ACETONE)
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### 14.3. Transport hazard class(es)

Transport class	3
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### 14.4. Packing group

Packing group	II
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### 14.5. Environmental hazards

Environmentally hazardous	No
Marine pollutant	No

### 14.6. Special precautions for user

## SECTION 15. REGULATORY INFORMATION

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

### 15.2. Chemical Safety Assessment

Chemical Safety Assessment	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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## SECTION 16. OTHER INFORMATION

### Other information

Other information	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. * indicates text in the SDS which has changed since the last revision.
Phrases used in s.2 and 3	EUH066: Repeated exposure may cause skin dryness or cracking. H224: Extremely flammable liquid and vapour. H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation.

	<p>H336: May cause drowsiness or dizziness.  R11: Highly flammable.  R12: Extremely flammable.  R36: Irritating to eyes.  R66: Repeated exposure may cause skin dryness or cracking.  R67: Vapours may cause drowsiness and dizziness.</p>
<b>Legal disclaimer</b>	<p>The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.</p>

<b>Disclaimer</b>	<p>The information is based on our current knowledge to date and is intended to describe the product with regard to safety precaution to be taken. It does not constitute an assurance of properties in the legal sense. Therefore, LashBase Limited makes no warranty, express or implied, regarding the accuracy of the data. Health and safety precautions may not be adequate for all individuals. It is the user's obligation to make certain that this safety data sheet is the most current for product to evaluate the information contained in this sheet in connection with the uses to which the product is to be put in the workplace and to use the product safely in accordance with applicable laws and regulations. LashBase Limited assumes no responsibility for injury from the use of the product described in a way different from that provided in the label direction.</p>
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