

SAFETY DATA SHEET

Prepared in the format conforming to the Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ of EU no L132 of 29 May 2015)

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

1.1 Product identifier

Acetone free nail polish remover JEDEN TAG

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

Identified uses: Finishing coat.

Uses advised against: Not identified.

1.3 Details of the supplier of the safety data sheet:

Supplier:

Company Name:

Laboratorium Kosmetyczne CANEXPOL

Company Address:

ul. Kołbielska 40A, Stojadła

Emergency calls: 998, +48 25 758 43 27

Fax: +48 25 759 60 90

E- mail address: kontrolajakosc@canexpol.waw.pl

1.4 Emergency telephone number: 112

Emergency telephone number (operating Mo.- Fr. 7:00 – 15:00): +48 25 758 43 27

Date of compilation: 2017.10.02

2 SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Flammable liquids, Hazard Category 2 (Flam Liq. 2)

Highly flammable liquid and vapour. (H225)

Specific target organ toxicity — Single exposure, Hazard Category 3, Narcosis (STOT SE 3)

May cause drowsiness or dizziness. (H336)

Serious eye damage/eye irritation, Hazard Category 2 (Eye Irrit.2)

Causes serious eye irritation. (H319)

Harmful effects on human health:

At high concentrations of vapors or direct contact with eyes may cause lacrimation, redness, edema, pain and eye irritation. Contact with skin can cause itching, local redness, inflammation, and prolonged contact – skin dryness and cracking. Inhalation of vapors at high concentration can cause tiredness, weakness, drowsiness, nausea, headaches and dizziness, coughing, ragged breath. Inhalation may cause narcotic effect on central nervous system. Ingestion may cause irritation of the mucous membranes of the alimentary tract, vomiting and diarrhea.

Environmental effects:

With proper use does not pose risk to the environment.

Adverse effects associated with physico-chemical properties:

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Vapours form explosive mixtures with air. Vapours are heavier than air and may move for long distances and accumulate above the ground surface. They may pose a risk of ignition and returning of the flame to leakage source. Closed containers exposed to fire or extreme heat may explode.

2.2 Label elements*

Pictograms:



Signal Word: Danger

Hazard Statements:

H225 - Highly flammable liquid and vapour.

H336 - May cause drowsiness or dizziness.

H319 - Causes serious eye irritation.

EUH066 - Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

P210 – Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 - Avoid breathing vapours.

P271 - Use only outdoors or in a well-ventilated area.

P303+361+353 - If on skin (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+ P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

In the case of sale to the general public:

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

P102 - Keep out of reach of children.

Additional labelling:

Contains: Ethyl acetate.

** Provisions of the Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (as amended) do not apply to cosmetics. Labelling of packaging unit should include information in accordance with article 19 of Regulation (EC) No 1223/2009 of the European Parliament and with Council of 30 November 2009 on cosmetic products and Council Directive 75/324/EEC of 20 May 1975 (as amended).*

2.3 Other hazards

This mixture meets neither PBT nor vPvB criteria.

3 SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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3.1 Mixtures

Product identifier: Acetone free nail polish remover JEDEN TAG

Mixture components:

Substance name	Index no.	CAS no.	EC no.	% mass fraction	Hazard Classes and Category Codes	Hazard statement codes
Ethyl acetate	607-022-00-5	141-78-6	205-500-4	64	Flam. Liq. 2 Eye Irrit. 2 - STOT SE 3	H225 H319 EUH066* H336
Etanol**	603-002-00-5	64-17-5	200-578-6	19.5	Flam. Liq. 2 Eye Irrit. 2	H225 H319
Propan-2-ol	603-117-00-0	67-63-0	200-661-7	0.4	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336

* EUH066 statement is placed only on the label

**Specific concentration limits:

Eye Irrit. 2; H319: C ≥ 50 %

Full text of H statements, hazard classes and category codes have been specified in the Section 16 of this safety data sheet.

4 SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- Inhalation: Remove casualty from exposure site to fresh air, place in reclining or sitting position, keep at rest and protect against heat loss. If problems in breathing occur, give artificial respiration. If symptoms persist, call a physician.
- Eye contact: Rinse immediately with copious amount of lukewarm water for at least 15 min. Remove contact lenses. To avoid cornea damage, don't use jet stream. If symptoms persist, obtain ophthalmologist's advice.
- Skin contact: Rinse immediately with copious amount of water, remove contaminated clothing, wash skin with soap and water. If necessary, call a physician.
- Ingestion: If swallowed, don't provoke vomiting. Rinse mouth with water, give the casualty plenty of water to drink. If necessary, consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

At high concentrations of vapors or direct contact with eyes may cause lacrimation, redness, edema, pain and eye irritation. Contact with skin can cause itching, local redness, inflammation, and prolonged contact – skin dryness and cracking. Inhalation of vapors at high concentration can cause tiredness, weakness, drowsiness, nausea, headaches and dizziness, coughing, ragged breath. Inhalation may cause narcotic effect on central nervous system. Ingestion may cause irritation of the mucous membranes of the alimentary tract, vomiting and diarrhea.

4.3 Indication of any immediate medical attention and special treatment needed

No special requirements. Apply symptomatic treatment.

5 SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Fire fighting foam, fire extinguishing carbon dioxide, dry powders, water spray.

Unsuitable extinguishing media: Do not use a direct water-jet on burning material.

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5.2 Special hazards arising from the substance or mixture

During the fire carbon oxides are released.

5.3 Advice for firefighters

Highly flammable liquid and vapour. Vapours of the product are heavier than air and may form explosive mixtures with air. They accumulate close to the ground surface and in the lower parts of the premises. Containers exposed to fire should be cooled from a safe distance with water spray (danger of explosion); if possible remove them from the endangered area. Wear gas-tight protective suit and life air support or self-contained breathing apparatus.

6 SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective clothing made of natural fabrics (cotton) or synthetic fibres, gloves made of butyl rubber (thickness 0.4 cm ± 0.05 mm, breakthrough time ≥ 480 min), safety goggles protecting against liquid droplets. Do not eat, drink or smoke while handling. Provide appropriate general and local ventilation. Eliminate sources of ignition (extinguish open fire, announce prohibition of smoking and usage of sparking tools). Remove unprotected persons from the affected area. Avoid direct contact with the mixture. Avoid breathing vapours. If necessary, order evacuation

6.2 Environmental precautions

Protect from releasing to a sewage system, surface, ground water and soil.

6.3 Methods and materials for containment and cleaning up

Secure sink basins. If possible, stop the leak (close liquid inflow, seal). Damaged packaging place in an overpack. In case of large leakage, embank place of failure and pump out the collected liquid. Vapours dilute with water spray. Small amounts absorb into chemically inert binding material (sand, diatomaceous earth), transfer to tight containers and dispose to designated waste recipient. Wash contaminated surface with large amount of water.

6.4 Reference to other sections

Remove according to the recommendations listed in the section 13.

7 SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide appropriate general and local ventilation. Keep away from heat and ignition sources. It is recommended to take special precautions during work with the mixture in order to avoid contact with eyes and skin. Do not breathe vapours. Protect from releasing to sewage system, water courses and soil. Do not eat, drink or smoke while handling. Wash hands during intervals and after finishing work. Take off contaminated clothing and wash it before reusing.

7.2 Conditions for safe storage, including any incompatibilities

Use only in well-ventilated places with exhaust ventilation. Installation, equipment and containers should always be tightly closed. Vapours of the product are heavier than air and may form explosive mixtures with air. They accumulate close to the ground surface and in the lower parts of the premises. Store in original, properly labelled, tightly closed containers; in a dry, cool, properly ventilated storage premise equipped with explosion-proof electrical and ventilating systems. Keep away from sources of high temperatures, ignition sources, oxidizers. Protect from sunlight.

7.3 Specific end use(s)

No information about the applications other than those mentioned in subsection 1.2.

8 SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Controls parameters

European Union
LIMIT VALUES:

Ethyl acetale [141-78-6]

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TWA (8-hrs) – 734 mg/m³
200 ppm
STEL (15 min) – 1468 mg/m³
400 ppm

[COMMISSION DIRECTIVE (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU] **Exposure controls**

8.2.1 *Appropriate engineering controls*

Local exhaust ventilation eliminating vapours from emission places and general ventilation are necessary. Suction inlets of local ventilation should be placed at the height of work plane or below. Uptake ventilators of general ventilation should be placed at the top of the room and near the floor. Ventilation systems must comply with the conditions required due to the fire or explosion danger. Do not use near heat and ignition sources. In case of insufficient ventilation wear respiratory protection. Provide shower and eye wash station.

8.2.2 *Individual protective measures such as personal protective equipment*

Respiratory protection: If permissible concentrations of vapours are exceeded, use respiratory protection with particle filter marked white and labelled P2 and vapour filter marked brown and labelled A. You can apply combined filters AP.

Skin and hands protection: When handling large amounts, wear protective clothing made of natural fabrics (cotton) or synthetic fibres, safety gloves made of butyl rubber (thickness 0.4 mm ± 0.05 mm, breakthrough time ≥ 480 min).

Eye/face protection: Wear safety goggles protecting against liquid droplets.

Occupational hygiene:

General industrial hygiene rules apply. Don't allow exceeding occupational exposure levels. After finishing

work remove contaminated clothes. Wash hands and face before work breaks. Wash entire body after finishing work. Do not drink, eat and smoke during work.

8.2.3 *Environmental exposure controls*

Prevent from draining to a municipal sewage system and watercourses.

9 SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance

Liquid.

b) Odour

Characteristic for the fragrance used.

c) Odour threshold

No data available.

d) pH

No data available

e) Melting/freezing point

No data available.

f) Initial boiling point and boiling range

No data available.

g) Flash point

No data available.

h) Evaporation rate

No data available.

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- i) Flammability (solid, gas)
No applicable.
- j) Upper/lower flammability or explosive limits
No data available.
- k) Vapour pressure
No data available.
- l) Vapour density
No data available.
- m) Relative density
No data available
- n) Solubility(ies)
Water-soluble.
- o) Partition coefficient: n-octanol/water
No data available.
- p) Auto-ignition temperature
No data available.
- q) Decomposition temperature
No data available.
- r) Viscosity
No data available
- s) Explosive properties
Vapours of the product may form explosive mixtures with air.
- t) Oxidising properties
No data available.

9.2 Other information

No data.

10 SECTION 10: STABILITY AND REACTIVITY

Reactivity

No reactivity if stored and used according to the identified uses.

10.2 Chemical stability

Stable in standard conditions of storage and use.

10.3 Possibility of hazardous reactions

Vapours of the product may form explosive mixtures with air.

10.4 Conditions to avoid

High temperature, ignition sources, open fire.

10.5 Incompatible materials

Strong oxidisers.

10.6 Hazardous decomposition products

None identified.

SECTION 11: TOXICOLOGICAL INFORMATION

11 SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:

Based on available data, the classification criteria are not met.

<u>Component</u>	<u>CAS-no</u>	<u>Method</u>	<u>value</u>	<u>unit</u>
Ethyl acetate	141-78-6	LD ₅₀ – oral rat	5620	mg/kg
		LC ₅₀ – inhalation rat	1600	ppm (8h)

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Ehtanol	64-17-5	LDL ₀ – oral child	2000	mg/kg
		TDL ₀ – oral man	700	mg/kg
		LDL ₀ – oral man	1400	mg/kg
		LD ₅₀ – oral rat	7060	mg/kg
		LCL ₅₀ - inhalation rat	20000	mg/l (10h)
Propan-2-ol	67-63-0	LDL ₀ – oral man	5272	mg/kg
		LD ₅₀ – oral rat	5045	mg/kg
		LCL ₀ - inhalation rat	16000	ppm (4h)

Skin Irritation/Corrosivity :

Based on available data, the classification criteria are not met, but repeated exposure may cause skin dryness or cracking.

Serious eye damage/irritation :

Causes serious eye irritation.

Respiratory or skin sensitisation:

Based on available data, the classification criteria are not met.

Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity – single exposure:

May cause drowsiness or dizziness.

Specific Target Organ Toxicity – repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

12 SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Based on available data, the classification criteria are not met.

<u>Component</u>	<u>CAS no.</u>	<u>Method</u>	<u>Value</u>	<u>Unit</u>
Ethyl acetate	141-78-6	LC ₅₀ – fish (Pimephales promelas)	230	mg/l (96h)
		EC ₅₀ – invertebrates (Daphnia magna)	717	mg/l(48h)
		EC ₅₀ – algae (Secnedesmus subspicatus)	3300	mg/l (48h)
		EC50 – bakteria (Photobacterium phosphoreum)	5870	mg/l (15 min)
Ethanol	64-17-5	LC ₀ – fish (Leuciscus idus melanotus)	7110	mg/l (48h)
		EC ₅₀ - invertebrates (Daphnia magna)	>10000	mg/l (24h)
		EC ₅₀ - invertebrates (Nitocra spinipes)	7750	mg/l (96h)
		EC ₅₀ - algae (Chlorella pyrenoidoso)	9310	mg/l
Propan-2-ol	67-63-0	LC ₅₀ – fish (Pimephales promelas)	9640-11130	mg/l (96h)
		LC ₅₀ – fish (Carassius auratus)	>5000	mg/l (24h)
		EC ₅₀ – invertebrates (Daphnia magna)	>10000	mg/l (24h)
		EC ₅₀ – algae (Secnedesmus subspicatus)	>1000	mg/l (72h)
		EC ₅₀ – bakteria (Pseudomonas putida)	1050	mg/l (16h)
		EC ₅₀ – protozoa(Entosiphon sulcatum)	4930	mg/l (72h)

12.2 Persistence and degradability

Ethyl acetate: readily biodegradable

Ethanol: readily biodegradable: 97 % (OCED 301B)

Propan-2-ol: readily biodegradable

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12.3 Bioaccumulative potential

Partition coefficient octanol/water: (K_{ow}): No data available for the mixture.

Ethyl acetate: 0.73

Ehtanol: -0.32

Propan-2-ol: 0.05

Bioconcentration factor (BCF): No data available for the mixture.

Ethyl acetate: 30

Etanol: 0.66 – 3.2

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

The mixture meets neither PBT nor vPvB criteria.

12.6 Other adverse effects

No data available.

13 SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not dispose together with municipal waste. Do not allow ground, surface, ground water contamination.

Used packaging, should be thoroughly emptied. Re-use package can be (after cleaning) reused. Single-use container (after thorough cleaning) shall be recycled.

Special precautions:

Dispose product and packaging off safely. Care should be taken when handling emptied containers that have not been thoroughly cleaned. Vapours of the product residues may create highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they had been thoroughly cleaned.

14 SECTION 14: TRANSPORT INFORMATION

ADR/RID, IMDG, IATAUN number

1993

14.2 UN proper shipping name

FLAMMABLE LIQUIDS, N.O.S.

14.3 Transport hazard class(es)

3

14.4 Packing group

II

14.5 Environmental hazards

The product is not hazardous to the environment according to the model UN criteria.

14.6 Special precautions for user

Always transport in closed containers that are upright and properly secured. Ensure that persons transporting the product know what to do in case of accident or spillage of the product.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

15 SECTION 15: REGULATORY INFORMATION

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

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (OJ EU L396 of December 30, with later amendments);

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH);

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (OJ EU L353 of December, 31 2008, with later amendments ATP 1-10).

15.2 Chemical safety assessment

Supplier has not assessed the chemical safety of the mixture.

SECTION 16: OTHER INFORMATION

The information contained in this safety data sheet describes the product exclusively from the safety requirements perspective. The user is responsible for setting up the conditions for safe use of the product and bears a sole responsibility for the consequences of its incorrect use.

Text of H statements, hazard classes and category codes used in the section 3 of this safety data sheet:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

Abbreviations:

TWA	time-weighted average. Measured or calculated in relation to a reference period of 8 hours
STEL	Short-term exposure limit . A limit value above which exposure should not occur and which is related to a 15-minute period unless otherwise specified.
vPvB	very Persistent very Bioaccumulative.
PBT	Persistent, Bioaccumulative, Toxic.
LD ₅₀	Lethal dose, median dose , where 50 % of test subject dies.
LC ₅₀	Lethal concentration, median concentration where 50 % of test subjects dies.
EC ₅₀	The effective concentration of substance that causes 50% of the maximum response.
BCF	Biological Concentration Factor.
ADR	Agreement on Dangerous Goods by Road
RID	Regulations Concerning the International Transport of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods Code
IATA	International Air Transport Association

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