

Page 1/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.10.2025 Version number 1 Revision: 30.01.2024

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

- · 1.1 Product identifier
- · Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- · Application of the substance / the mixture

Remover

Construction chemicals

- · Uses advised against Uses other than those recommended.
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

Tytan Professional

Імпортер та уповноважена організація:

ТОВ «СЕЛЕНА УКРАЇНА»,

03039 Україна, м. Київ, проспект Валерія Лобановського, буд 119,

літера «Х», оф. 33; тел. +38 (044) 364 99 27; +38 (044) 364 99 28.

officeua@selena-ukraina.com.ua

www.tytan.ua

- · Further information obtainable from: msds@selena.com
- · 1.4 Emergency telephone number: European emergency number: 112 (24h)

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

Eye Irrit. 2 H319

Causes serious eye irritation.

STOT SE 3 H336

May cause drowsiness or dizziness.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms





GHS02 GHS07

- · Signal word Danger
- · Hazard-determining components of labelling: acetone

(Contd. on page 2)



Page 2/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.10.2025 Version number 1 Revision: 30.01.2024

Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін

(Contd. of page 1)

ethyl acetate

· Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

· Precautionary statements

P102 Keep out of reach of children.

P261 Avoid breathing spray.

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

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

Additional information:

Do not pierce or burn, even after use.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Do not spray on an open flame or other ignition source.

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

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · **vPvB:** Not applicable.
- · Determination of endocrine-disrupting properties

The product does not contain substances with endocrine disrupting properties.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

CAS: 67-64-1	acetone	47 - 50%
EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-xxxx	♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-xxxx	ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	19 - 22%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	isobutane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	< 20%
CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx	butane, pure Flam. Gas 1A, H220; Press. Gas (Comp.), H280	< 10%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx	propane Propane Flam. Gas 1A, H220; Press. Gas (Comp.), H280	< 10%

— El



Page 3/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.10.2025 Version number 1 Revision: 30.01.2024

Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін

(Contd. of page 2)

· Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation:

Supply fresh air and to be sure call for a doctor.

Use a respiratory bag or breathing device.

In case of unconsciousness place patient stably in side position for transportation.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

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

Stupor.

Headache.

Unconsciousness.

Coughing.

Nausea.

Dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

Carbon dioxide.

Water spray.

Fire-extinguishing powder.

Alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet.
- · 5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

Formation of toxic gases is possible during heating or in case of fire.

- · 5.3 Advice for firefighters
- · Protective equipment:

Do not inhale explosion gases or combustion gases.

Wear self-contained respiratory protective device.

· Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources.

Use respiratory protective device against the effects of fumes / dust / aerosol.

(Contd. on page 4)



Page 4/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.10.2025 Version number 1 Revision: 30.01.2024

Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін

(Contd. of page 3)

Wear protective equipment. Keep unprotected persons away.

- **6.2 Environmental precautions:** Do not allow to enter sewers / surface or ground water.
- · 6.3 Methods and material for containment and cleaning up:

Collect with liquid-binding material (sand, diatomaceous earth, universal binding material).

Dispose of the material collected according to regulations.

Ensure adequate ventilation.

· 6.4 Reference to other sections See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Ensure good ventilation / exhaustion at the workplace.

Open and handle receptacle with care.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray onto a naked flame or any incandescent material.

· 7.2 Conditions for safe storage, including any incompatibilities

- · Storage:
- · Requirements to be met by storerooms and receptacles:

Store in a cool location.

Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility:

Store away from oxidising agents.

Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.

· Further information about storage conditions:

Store in vertical position in closed original containers.

Protect from heat and direct sunlight.

Store under lock and key and out of the reach of children.

Store at temperature from +5°C to +35°C.

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients	· Ingredients with limit values that require monitoring at the workplace:		
CAS: 67-64-1	CAS: 67-64-1 acetone		
IOELV (EU)	Long-term value: 1210 mg/m³, 500 ppm		
NDS (EU)	Short-term value: 4800 mg/m³, 2000 ppm Long-term value: 1210 mg/m³		
OEL (Ireland)	Long-term value: 1210 mg/m³, 500 ppm IOELV		
CAS: 75-28-5	CAS: 75-28-5 isobutane		
OEL (Ireland)	Short-term value: 1000 ppm		

(Contd. on page 5)



Page 5/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Revision: 30.01.2024 **Printing date 13.10.2025 Version number 1**

Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін

	(Contd. of page 4)
CAS: 141-78	-6 ethyl acetate
IOELV (EU)	Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm
OEL (Ireland)	Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm IOELV
CAS: 74-98-6	5 propane
OEL (Ireland)	Asphx
CAS: 106-97	-8 butane, pure
OEL (Ireland)	Short-term value: 1000 ppm
· Regulatory	information

Regulatory information

IOELV (EU): (EU) 2019/1831

OEL (Ireland): 2021 CoP for the Safety, Health and Welfare at Work

· DNELs			
CAS: 67-6	CAS: 67-64-1 acetone		
Oral	DNEL	62 mg/kg/Tag (General population, consumers)	
Dermal	DNEL	62 mg/kg/Tag (General population, consumers)	
		186 mg/kg/Tag (Workers)	
Inhalative	DNEL	200 mg/m3 (General population, consumers)	
		1,210 mg/m3 (Workers)	

· PNECs

CAS: 67-64-1 acetone

(freshwater)	10.6 mg/l (Aquatic Organisms)
(sea water)	10.6 mg/l (Aquatic Organisms) 1.06 mg/l (Aquatic Organisms)
(freshwater sediments)	30.4 mg/kg (Aquatic Organisms)
(sea water sediments)	3.04 mg/kg (Aquatic Organisms)
(soil)	29.5 mg/kg (Terrestrial Organism)

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Do not eat, drink, smoke or sniff while working.

Avoid contact with the eyes and skin.

· Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product / the substance / the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. (Contd. on page 6)



Page 6/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.10.2025 Version number 1 Revision: 30.01.2024

Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін

(Contd. of page 5)

· Material of gloves

Polyethylene gloves.

Recommended thickness of the material: ≥ 0.02 mm.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

≥ 10 min

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye/face protection



Tightly sealed goggles

FN 166

· Body protection:



Protective work clothing.

- · Thermal hazards Not applicable
- · Environmental exposure controls See section 6.

SECTION 9: Physical and chemical properties

- · 9.1 Information on basic physical and chemical properties
- · General Information

Physical state
Colour:
Odour:
Odour threshold:
Melting point/freezing point:

Liquid
Colorless
Characteristic
Not determined
Not determined

· Boiling point or initial boiling point and boiling

range Not determined

Flammability Extremely flammable aerosol.

· Lower and upper explosion limit

Lower: Not determined
 Upper: Not determined
 Flash point: Not determined
 Auto-ignition temperature: Not specified
 Decomposition temperature: Not determined
 pH

· Viscosity:

· Kinematic viscosity Not determined

(Contd. on page 7)



Page 7/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.10.2025 Version number 1 Revision: 30.01.2024

Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін

(Contd. of page 6)

· Solubility

· water: Soluble

· Partition coefficient n-octanol/water (log value) Not determined · Vapour pressure: Not determined

· Density and/or relative density

· Density: Not determined · Relative density Not determined · Relative gas density Not determined. · Particle characteristics Not applicable

· 9.2 Other information No further relevant information available

· Appearance:

· Form: Aerosol

· Important information on protection of health

and environment, and on safety.

· Ignition temperature: Not determined

· Explosive properties: Heating may cause an explosion.

· Change in condition

· Softening point/range

 Oxidising properties Extremely flammable.

· Information with regard to physical hazard classes

· Explosives Not applicable · Flammable gases Not applicable

· Aerosols

Extremely flammable aerosol.

Pressurised container: May burst if heated.

· Oxidising gases Not applicable · Gases under pressure Not applicable · Flammable liquids Not applicable · Flammable solids Not applicable · Self-reactive substances and mixtures Not applicable · Pyrophoric liquids Not applicable · Pyrophoric solids Not applicable · Self-heating substances and mixtures Not applicable

· Substances and mixtures, which emit

flammable gases in contact with water Not applicable · Oxidising liquids Not applicable · Oxidising solids Not applicable · Organic peroxides Not applicable · Corrosive to metals Not applicable · Desensitised explosives Not applicable

SECTION 10: Stability and reactivity

• 10.1 Reactivity No further relevant information available.

(Contd. on page 8)



Page 8/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.10.2025 Version number 1 Revision: 30.01.2024

Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін

(Contd. of page 7)

- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided:

To avoid thermal decomposition do not overheat.

No decomposition if used according to specifications.

- · 10.3 Possibility of hazardous reactions Reacts with oxidising agents.
- 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: Strong oxidants.
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.
- · LD/LC50 values relevant for classification:

CAS: 141-78-6 ethyl acetate

Oral | LD50 | 5,620 mg/kg (rat) | Dermal | LD50 | >18,000 mg/kg (rabbit)

- Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · 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.
- · STOT-single exposure

May cause drowsiness or dizziness.

- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · Aspiration hazard Based on available data, the classification criteria are not met.
- · 11.2 Information on other hazards
- · Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity:

CAS: 67-64-1 acetone

EC50 8,800 mg/l (daphnia)

- · 12.2 Persistence and degradability Easily biodegradable
- · 12.3 Bioaccumulative potential Non significant accumulation in organisms
- · 12.4 Mobility in soil No further relevant information available.
- 12.5 Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

(Contd. on page 9)



Page 9/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.10.2025 Version number 1 Revision: 30.01.2024

Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін

(Contd. of page 8)

· 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- 12.7 Other adverse effects
- · Additional ecological information:
- · General notes:

Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Remove in accordance with applicable legislation.

Dispose of in a safe manner in accordance with local / national regulations.

Do not allow to enter surface or ground water.

Assigning a code from the waste catalogue depends on the sector, in which the user operates, as well as on arrangements made between the waste generator and a competent environment protection department.

· European waste catalogue		
15 01 11* metallic packaging containing a hazardous solid porous matrix (for example asbest empty pressure containers		
HP3	Flammable	
HP4	Irritant - skin irritation and eye damage	
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity	

- Uncleaned packaging:
- · Recommendation:

Disposal must be made according to official regulations.

It should be treated in the same way as product residues.

SECTION 14: Transport information

- · 14.1 UN number or ID number
- · ADR, IMDG, IATA UN1950
- · 14.2 UN proper shipping name
- · IMDG, IATA AEROSOLS
- · 14.3 Transport hazard class(es)
- · ADR



· Class 2 5F Gases.

(Contd. on page 10)



Page 10/11

(Contd. of page 9)

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.10.2025 Version number 1 Revision: 30.01.2024

Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін

· Label 2.1

· IMDG, IATA

· Class 2 5F Gases.
· Label 2.1

· 14.4 Packing group Not applicable.

· 14.5 Environmental hazards:

· Marine pollutant: No.

• 14.6 Special precautions for user Warning: Gases.

· Hazard identification number (Kemler code): -

• EMS Number: F-D,S-U

 \cdot 14.7 Maritime transport in bulk according to

IMO instruments Not applicable.

· UN "Model Regulation": UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

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

1907/2006/CE Regulation, REACH

1272/2008/CE Regulation, CLP 2020/878/UE Regulation

Product contains: Reportable explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 9.

- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P3a FLAMMABLE AEROSOLS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- · DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- · Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

(Contd. on page 11)



Page 11/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.10.2025 Version number 1 Revision: 30.01.2024

Trade name: TYTAN PROFESSIONAL Очисник для поліуретанових пін

	(Contd. of page 10)	
· Annex II - REPORTABLE EXPLOSIVES PRECURSORS		
CAS: 67-64-1 acetone		
· Regulation (EC) No 273/2004 on drug precursors		
CAS: 67-64-1 acetone	3	
Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors		
CAS: 67-64-1 acetone	3	
REGULATION (EU) 2024/590 on substances that deplete the ozone layer		

- · Other regulations, limitations and prohibitive regulations
- Substances of very high concern (SVHC) according to REACH, Article 57 None of the ingredients is listed.
- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Gas 1A: Flammable gases - Category 1A

Aerosol 1: Aerosols - Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids - Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3

· * Data compared to the previous version altered.

Points marked with * have changed from the previous version of the card