

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 1 of 11

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

**1.1. Product identifier**

alwitra Reiniger PUR S750

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

**Use of the substance/mixture**

For cleaning adhesive residues (PU foam) from tools.

**Uses advised against**

Only use for the intended purpose.  
The product is intended for professional use.  
Do not use to clean skin or clothing.

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

Company name: alwitra GmbH  
Street: Am Forst 1  
Place: D-54296 Trier-Irsch  
Telephone: 0651 - 9102 - 0  
e-mail (Contact person): pm-ddb@alwitra.de  
Responsible Department: Produkt Management DDB

**1.4. Emergency telephone number:**

Emergency Action: In the event of a medical enquiry involving this product, please contact your doctor or local hospital accident and emergency department or the NHS enquiry service.

**SECTION 2: Hazards identification**

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

**Regulation (EC) No. 1272/2008**

Hazard categories:  
Aerosol: Aerosol 1  
Serious eye damage/eye irritation: Eye Irrit. 2  
Specific target organ toxicity - single exposure: STOT SE 3  
Hazard Statements:  
Extremely flammable aerosol.  
Pressurised container: May burst if heated.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.

**2.2. Label elements**

**Regulation (EC) No. 1272/2008**

**Hazard components for labelling**

acetone; propan-2-one; propanone

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

H222 Extremely flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 2 of 11

**Precautionary statements**

P211	Do not spray on an open flame or other ignition source.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves and eye/face protection.
P312	Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container according to regional/national regulations. Do not discard with household waste.

**Special labelling of certain mixtures**

EUH066 Repeated exposure may cause skin dryness or cracking.

**2.3. Other hazards**

The components in this mixture do not meet the criteria for classification as PBT or vPvB.

**SECTION 3: Composition/information on ingredients**
**3.2. Mixtures**
**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
67-64-1	acetone; propan-2-one; propanone			50-100%
	200-662-2	606-001-00-8	01-2119471330-49	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			
75-28-5	isobutane			2,5-10 %
	200-857-2	601-004-00-0		
	Flam. Gas 1, Compressed gas; H220 H280			
124-38-9	carbon dioxide			5 - < 10 %
	204-696-9			
	Liquefied gas; H280			
74-98-6	propane			1-2,5 %
	200-827-9	601-003-00-5		
	Flam. Gas 1, Compressed gas; H220 H280			
106-97-8	butane			<1%
	203-448-7	601-004-00-0		
	Flam. Gas 1, Compressed gas, Acute Tox. 3; H220 H280 H331			

Full text of H and EUH statements: see section 16.

**SECTION 4: First aid measures**
**4.1. Description of first aid measures**
**General information**

First aider: Pay attention to self-protection!

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 3 of 11

Remove persons from danger area and lie them down. Never orally infuse something to an unconscious person. No special first aid measures necessary. A vomiting, supine person must be brought into recovery position.

**After inhalation**

Remove casualty to fresh air and keep warm and at rest. In case of doubt see doctor.  
If unconscious place in recovery position and seek medical advice.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing. In case of skin irritation, consult a physician.

**After contact with eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**After ingestion**

Rinse mouth, spit liquid again. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Call a physician immediately.

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

No known symptoms to date.

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water spray. Fight larger fires with water spray jet or alcohol-resistant foam.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Heating causes rise in pressure with risk of bursting.  
In case of fire may be liberated: Carbon monoxide. Carbon dioxide.

**5.3. Advice for firefighters**

Co-ordinate fire-fighting measures to the fire surroundings. Wear a self-contained breathing apparatus and chemical protective clothing.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers.  
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Keep away from sources of ignition - No smoking.  
Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.  
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**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Treat the recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7  
Personal precautions: refer to section 8

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 4 of 11

Disposal: see section 13

**SECTION 7: Handling and storage**
**7.1. Precautions for safe handling**
**Advice on safe handling**

Consider the usual precautions for handling chemicals.  
Do not eat, drink or smoke when using this product.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.  
Take precautionary measures against static discharges.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

**7.2. Conditions for safe storage, including any incompatibilities**
**Requirements for storage rooms and vessels**

Keep container tightly closed.  
Keep only in the original container in a cool, well-ventilated place.

**Hints on joint storage**

No further relevant information available.

**Further information on storage conditions**

Ensure adequate ventilation of the storage area.

**7.3. Specific end use(s)**

For cleaning adhesive residues (PU foam) from tools.

**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**
**Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
67-64-1	Acetone	500	1210		TWA (8 h)	WEL
		1500	3620		STEL (15 min)	WEL
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL
124-38-9	Carbon dioxide	5000	9150		TWA (8 h)	WEL
		15000	27400		STEL (15 min)	WEL

**DNEL/DMEL values**

CAS No	Substance	Exposure route	Effect	Value
67-64-1	acetone; propan-2-one; propanone			
	Consumer DNEL, long-term	oral		62 mg/kg bw/day
	Consumer DNEL, long-term	dermal		62 mg/kg bw/day
	Worker DNEL, long-term	dermal		186 mg/kg bw/day
	Consumer DNEL, long-term	inhalation		200 mg/m <sup>3</sup>
	Worker DNEL, acute	inhalation		2420 mg/m <sup>3</sup>
	Worker DNEL, long-term	inhalation		1210 mg/m <sup>3</sup>

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 5 of 11

**PNEC values**

CAS No	Substance	Value
Environmental compartment		
67-64-1	acetone; propan-2-one; propanone	
Freshwater		10,6 mg/l
Marine water		1,06 mg/l
Soil		29,5 mg/kg
Marine sediment		3,04 mg/kg
Freshwater sediment		30,4 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l

**8.2. Exposure controls**

**Protective and hygiene measures**

Keep away from food, drink and animal feedingstuffs. Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. Avoid skin, eye and clothing contact.

**Eye/face protection**

Tightly fitting safety glasses with side shields.

**Hand protection**

Protect skin by using skin protective cream. Wear suitable gloves.  
 When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits.  
 The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Recommended material: NBR (Nitrile rubber)  
 Thickness of glove material: >=0,5 mm.

**Skin protection**

protection suit

**Respiratory protection**

Use protective filter mask in case of short-term and low exposure; in case of intense or longer exposure, use respiratory protection device operating independently from circulating air.  
 Recommended filtering device for short-term use: like: EN 14387, Filter type AX

**SECTION 9: Physical and chemical properties**

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

Physical state: Aerosol  
 Colour: colourless  
 Odour: like: Acetone  
 pH-Value: not determined

**Changes in the physical state**

Melting point: No data available  
 Initial boiling point and boiling range: No data available  
 Flash point: No data available

**Flammability**

Solid: No data available  
 Gas: No data available

**Explosive properties**

The product is not explosive, however, formation of explosive mixtures are possible.

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 6 of 11

Lower explosion limits:	1,7 vol. %
Upper explosion limits:	13,0 vol. %
Ignition temperature:	>200 °C
<b>Auto-ignition temperature</b>	
Solid:	No data available
Gas:	No data available
Decomposition temperature:	No data available
<b>Oxidizing properties</b>	
No data available	
Density (at 20 °C):	0,78 g/cm <sup>3</sup>
Water solubility:	Immiscible
Partition coefficient:	No data available
Viscosity / kinematic:	No data available
Vapour density:	not determined
Solvent content:	89,8%

**9.2. Other information**

No data available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No dangerous reactivity under regular conditions.

**10.2. Chemical stability**

The product is stable under regular conditions.

**10.3. Possibility of hazardous reactions**

Do not expose at temperatures exceeding 50°C/ 122°F. Heating causes rise in pressure with risk of bursting. explosive in a mixture with air

**10.4. Conditions to avoid**

Avoid heat, sparks, open flames and other ignition sources.

**10.5. Incompatible materials**

No further relevant information available.

**10.6. Hazardous decomposition products**

It may produce hazardous fumes like carbon monoxide or carbon dioxide.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
67-64-1	acetone; propan-2-one; propanone				
	oral	LD50 mg/kg	5800	Rat	OECD 401
	dermal	LD50 mg/kg	>15800	Rat	
	inhalation (4 h) vapour	LC50	76 mg/l	Rat	

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 7 of 11

**Irritation and corrosivity**

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-single exposure**

May cause drowsiness or dizziness. (acetone; propan-2-one; propanone)

**STOT-repeated exposure**

Repeated exposure may cause skin dryness or cracking.

**Aspiration hazard**

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

**SECTION 12: Ecological information**
**12.1. Toxicity**

No data available.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
67-64-1	acetone; propan-2-one; propanone					
	Acute fish toxicity	LC50 mg/l	5540	96 h	Onchorhynchus mykiss	
	Acute crustacea toxicity	EC50 mg/l	6100	48 h	Daphnia magna	
	Algae toxicity	NOEC mg/l	4740	2 d	Selenastrum capricornutum	

**12.2. Persistence and degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
67-64-1	acetone; propan-2-one; propanone	-0,24
75-28-5	isobutane	2,8
74-98-6	propane	2,36
106-97-8	butane	2,89

**12.4. Mobility in soil**

No data available.

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

The components in this mixture do not meet the criteria for classification as PBT or vPvB.

**12.6. Other adverse effects**

No data available.

**SECTION 13: Disposal considerations**
**13.1. Waste treatment methods**
**Disposal recommendations**

Disposal according to official regulations.

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 8 of 11

Consult the local waste disposal expert about waste disposal. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

**List of Wastes Code - residues/unused products**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**List of Wastes Code - contaminated packaging**

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
 Hazard label: 2.1



Classification code: 5F  
 Special Provisions: 190 327 344 625  
 Limited quantity: 1 L  
 Excepted quantity: E0  
 Transport category: 2  
 Tunnel restriction code: D

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
 Hazard label: 2.1



Classification code: 5F  
 Special Provisions: 190 327 344 625  
 Limited quantity: 1 L  
 Excepted quantity: E0

**Marine transport (IMDG)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -



**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 9 of 11

Hazard label: 2.1



Special Provisions: 63, 190, 277, 327, 344, 381,959  
 Limited quantity: 1000 mL  
 Excepted quantity: E0  
 EmS: F-D, S-U

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, flammable  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
 Hazard label: 2.1



Special Provisions: A145 A167 A802  
 Limited quantity Passenger: 30 kg G  
 Passenger LQ: Y203  
 Excepted quantity: E0  
 IATA-packing instructions - Passenger: 203  
 IATA-max. quantity - Passenger: 75 kg  
 IATA-packing instructions - Cargo: 203  
 IATA-max. quantity - Cargo: 150 kg

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No special precautions known.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

**SECTION 15: Regulatory information**

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

**EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 29

2004/42/EC (VOC): 100 % (780 g/l)  
 Information according to 2012/18/EU (SEVESO III): P3a FLAMMABLE AEROSOLS

**Additional information**

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable  
 Regulation (EC) No. 648/2004 (Detergents regulation): not applicable  
 Regulation (EC) No 850/2004 on persistent organic pollutants: not applicable  
 Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals: This mix contains no chemicals that are subject to the export notification procedures (annex 1).  
 This mixture contains the following substances of very high concern (SVHC) which are included in the

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 10 of 11

Candidate List according to Article 59 of REACH: none

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**For the following substances of this mixture a chemical safety assessment has been carried out:  
acetone; propan-2-one; propanone**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 2,5,6,7,8,10,15,16.

Version 1,00 - Creation - 29.03.2019

Version 2,00 - General update - 07.12.2020

**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

BImSchV (Fed.Imm.Prot.Act): Directive on the Implementation of the Federal Immission Protection Act

CAS: Chemical Abstracts Service

DIN: Norm of the Deutsche Institut für Normung (German Institute for Standardization)

EC: Effective Concentration

EG: European Community (Europäische Gemeinschaft)

EN: European Norm

IATA: International Air Transport Association

IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk

ICAO: International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods

ISO: Norm of the International Standards Organization

CLP: Classification, Labeling, Packaging

IUCLID: International Uniform Chemical Information Database

LC: Lethal concentration

LD: Lethal dose

log Kow: Octanol/water partition coefficient

MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships

OECD: Organisation for Economic Co-operation and Development

PBT: Persistent, bio-cumulative, toxic

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

TRGS: Technische Regeln für Gefahrstoffe

UN: United Nations

VOC: Volatile Organic Compounds

vPvB: very persistent and very bio-cumulative

WGK: German Water Hazard Class

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

DNEL: Derived No Effect Level

PNEC: Predicted No Effect Concentration

TLV: Threshold Limiting Value

STOT: Specific Target Organ Toxicity

AwSV: Ordinance on Installations for Handling Substances Hazardous to Water

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**alwitra Reiniger PUR S750**

Revision date: 07.12.2020

Product code: AWT-013

Page 11 of 11

**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Aerosol 1; H222-H229	Calculation method
Eye Irrit. 2; H319	Bridging principle "Aerosols"
STOT SE 3; H336	Bridging principle "Aerosols"

**Relevant H and EUH statements (number and full text)**

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

**Further Information**

The information given in this safety data sheet is to describe the product's safety regulations. It is not for guaranteeing certain characteristics and is based on today's knowledge. The safety data sheet was generated upon information of pre-suppliers by:

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*