



Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.04.2021

Version number 1

Revision: 09.04.2021

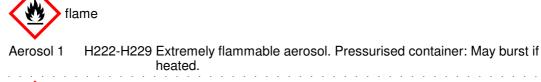
SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

- · Trade name: PVC-ABS Reiniger Spray 125 ml
- 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.
- · Application of the substance / the mixture Detergent spray
- 1.3 Details of the supplier of the safety data sheet
 Manufacturer/Supplier: Fermit GmbH Zur Heide 4, D- 53560 Vettelschoß www.fermit.de
 - *Informing department:* Tel.: +49 (0) 2645-2207 Fax: +49 (0) 2645-3113 Email: info@fermit.de
- 1.4 Emergency telephone number: Tel.: +49 (0) 2645-2207

SECTION 2: Hazards identification

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





Eye Irrit. 2H319Causes serious eye irritation.STOT SE 3H336May 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*



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

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 Hazard stateme 	ents
H222-H229 Extr	remely flammable aerosol. Pressurised container: May burst if heated.
H319 Cau	ises serious eye irritation.
H336 May	/ cause drowsiness or dizziness.
· Precautionary	statements
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing mist/vapours/spray.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P3	38 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.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container in accordance with local/regional/national/
	international regulations.
 Additional information 	
EUH066 Repeate	ed exposure may cause skin dryness or cracking.
2.3 Other hazards	3
 Results of PBT a 	and vPvB assessment
 • PBT: Not applic 	able.

• **vPvB**: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

• Description: Mixture of the substances listed below including additives not requiring identification.

	· Dangerous components:				
ſ	CAS: 78-93-3	butanone	50 - 100%		
	EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-X	♦ Flam. Liq. 2, H225; ♦ Eye Irrit. 2, H319; STOT SE 3, H336, EUH066			
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49-X		acetone	25 - 50%		
	CAS: 124-38-9 EINECS: 204-696-9	carbon dioxide substance with a Community workplace exposure limit	2.5 - 10%		
	• 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

After inhalation

Supply fresh air. In case of persistent symptoms consult doctor.

· After skin contact

Wash with water and soap.

In cases of freeze burns, rinse with plenty of water. Do not remove clothing.

· After eye contact

Rinse opened eye for several minutes under running water.

In case of permanent aches and pains please go and see the doctor.

· After swallowing Swallowing is not considered to be a possible way of exposure.

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(Contd. from page 2) • 4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
 • 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 CO2, extinguishing powder or water jet. Fight larger fire with alcohol-resistant foam. For safety reasons unsuitable extinguishing agents Water with a full water jet. 5.2 Special hazards arising from the substance or mixture During incomplete combustion carbon monoxide can be formed. Pressure build-up and risk of bursting when heated. Vapours are heavier than air and may travel long distances along ground, ignite and flash back to source. 5.3 Advice for firefighters Protective equipment: Do not inhale explosion gases or combustion gases. In case of fire wear breathing equipment being independent of ambient air and suit provided full protection against chemicals. Additional information Cool endangered containers with water spray. Remove goods in stock from incendiary zone, if possible.
SECTION 6: Accidental release measures
 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Keep away from sources of ignition - No smoking. 6.2 Environmental precautions: Do not allow to enter drainage system, surface or ground water. Damp down gases/fumes/haze with water spray jet. 6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation. 6.4 Reference to other sections See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for information on disposal.
SECTION 7: Handling and storage
 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace. Keep away from heat and direct sunlight. Keep empty containers away from heat and ignition sources. Information about protection against explosions and fires: Keep ignition sources away - Do not smoke. Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. 7.2 Conditions for safe storage, including any incompatibilities Storage Requirements to be met by storerooms and containers:
Observe official regulations on storing packagings with pressurised containers. • Information about storage in one common storage facility: Not required.

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• *Further information about storage conditions:* Store in cool, dry conditions in well sealed containers.

Protect from heat and direct sunlight.

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

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

• Components with limit values that require monitoring at the workplace: WEL: workplace exposure limit

OEL: Occupational Exposure Limit

78-93-3 b	utanone				
WEL (Great Britain)			m value: 899 m m value: 600 m V		
IOELV (Eu	ropean Union)	Short-term value: 900 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm			
OEL (Ireland)			m value: 900 m m value: 600 m V		
67-64-1 ad	cetone				
WEL (Gre	at Britain)	Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm			
IOELV (Ει	ropean Union)	Long-ter	m value: 1210 n	ng/m³, 500 ppm	
OEL (Irela	nd)	Long-ter IOELV	m value: 1210 n	ng/m³, 500 ppm	
124-38-9	carbon dioxide				
WEL (Gre	at Britain)	Short-term value: 27400 mg/m³, 15000 ppm Long-term value: 9150 mg/m³, 5000 ppm			
IOELV (Eu	uropean Union)	Long-term value: 9000 mg/m ³ , 5000 ppm			
OEL (Irela	nd)	Long-term value: 9000 mg/m³, 5000 ppm IOELV			
· DNELs					
78-93-3 b	utanone				
Oral	DNEL (consum	ner, long-t	erm, systemic)	31 mg/kg bw/day (human)	
Dermal	DNEL (worker,	long-term, systemic)		1,161 mg/kg bw/day (human)	
	DNEL (consum	ner, long-t	erm, systemic)	412 mg/kg bw/day (human)	
Inhalative	DNEL (worker,	long-tern	n, systemic)	600 mg/m³ (human)	
DNEL (consum		ner, long-t	erm, systemic)	106 mg/m³ (human)	
67-64-1 ad	cetone				
Oral	DNEL (consum	ner, long-t	erm, systemic)	62 mg/kg bw/day (human)	
Dermal	DNEL (worker,	long-tern	n, systemic)	186 mg/kg bw/day (human)	
	DNEL (consum	ner, long-term, systemic)		62 mg/kg bw/day (human)	
,		, long-term, systemic)		1,210 mg/m³ (human)	
		ner, long-term, systemic)		200 mg/m³ (human)	
		short-term, local)		2,420 mg/m³ (human)	
· PNECs	,				
78-93-3 b	utanone				
PNEC aqu	la (freshwater)		55.8 mg/L (.)		
	a (marine wate	-	55.8 mg/L (.)		

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PNEC STP		709 mg/L (.)
PNEC soil		22.5 mg/kg soil dw (.)
PNEC sediment (freshwater)		284.7 mg/kg sedim. dw (.)
PNEC sediment (marin		284.7 mg/kg sedim. dw (.)
PNEC aqua (intermitter	nt releases)	55.8 mg/L (.)
PNEC oral	,	1,000 mg/kg food (.)
67-64-1 acetone		
PNEC aqua (freshwate	r)	10.6 mg/L (.)
PNEC aqua (marine wa	ater)	1.06 mg/L (.)
PNEC STP		100 mg/L (.)
PNEC soil		29.5 mg/kg soil dw (.)
PNEC sediment (freshv	water)	30.4 mg/kg sedim. dw (.)
PNEC sediment (marin	e water)	3.04 mg/kg sedim. dw (.)
PNEC aqua (intermitter	nt releases)	21 mg/L (.)
· Ingredients with bio	ological lim	it values:
78-93-3 butanone	..	
BMGV (Great Britain)	70 umol/L	
1	Medium: urii	
		ne: post shift
		butan-2-one ts that were valid during the compilation were used as basis.
 General protective and protective and protective and protection and protection. Breathing equipme and protection. Hand protection. Hand protection. Due to missing tests preparation. Due to missing tests preparation. Material of gloves. Butyl rubber, BR The selection of the marks of quality and of several substance and has therefore to and has therefore to and and and the selection time of a layer the description. 	and hygien smoke while oreaks and a / fumes / ae nt: m is well-ver ction in case as to be imp no recomm mical mixture e suitable gld d varies from ses, the resis o be checke of glove ma nickness of C rough time h rved.	working. at the end of the work. rosols. ntilated. of insufficient ventilation. wermeable and resistant to the product/ the substance/ the endation to the glove material can be given for the product/ the e. n consideration of the penetration times, rates of diffusion and were does not only depend on the material, but also on further n manufacturer to manufacturer. As the product is a preparation stance of the glove material can not be calculated in advance d prior to the application.
Tightly sea	aled safety g	lasses.

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• **Body protection:** Wear antistatic clothing made from natural fibres (cotton) or heat-resistant synthetic fibres.

SECTION 9: Physical and chemical properties		
• 9.1 Information on basic physical and chem	ical properties	
· General Information		
· Colour:	Colourless	
· Odour:	Characteristic	
· Odour threshold:	Not determined.	
• Melting point/freezing point:	Not determined	
· Boiling point or initial boiling point and	Not determined	
boiling range	Not applicable, as aerosol	
· Flammability	Not applicable.	
· Flash point:	Not applicable, as aerosol	
	Not determined.	
Decomposition temperature:	Not determined.	
· SADT	Net determined	
· pH	Not determined.	
· Viscosity:	Not determined	
· Kinematic viscosity	Not determined.	
· dynamic:	Not determined.	
· Solubility	N a balanta and a sal	
· Water:	Not determined.	
· Partition coefficient n-octanol/water (log	N	
value)	Not determined.	
Vapour pressure:	Not determined.	
• Density and/or relative density		
· Density	Not determined	
· Relative density at 20 °C	>1	
· 9.2 Other information		
· Appearance:		
· Form:	Aerosol	
· Important information on protection of		
health and environment, and on safety.		
• Explosive properties:	Not determined.	
· Change in condition		
· Evaporation rate	Not applicable.	
•		
 Information with regard to physical hazard 	1	
classes	N/ · · ·	
· Explosives	Void	
· Flammable gases	Void	
Aerosols		
Extremely flammable aerosol. Pressurised c	ontainer: May burst if heated.	
· Oxidising gases	Void	
· Gases under pressure	Void	
· Flammable liquids	Void	
· Flammable solids	Void	
• Self-reactive substances and mixtures	Void	
	Void	
Pyrophoric liquids Byrophoric solide	Void	
Pyrophoric solids Solf booting substances and mixtures		
 Self-heating substances and mixtures 	Void	
 Substances and mixtures, which emit 	Void	
	Void Void	

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• Oxidising solids	Void	
· Organic peroxides	Void	
Corrosive to metals	Void	
 Desensitised explosives 	Void	

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

- Avoid direct sunlight, heat and ignition sources.
- 10.3 Possibility of hazardous reactions
- Danger of containers bursting because of high vapour pressure
- **10.4 Conditions to avoid** No further relevant information available. • **10.5 Incompatible materials:** Strong oxidizing agents
- 10.6 Hazardous decomposition products:

None in case of intended use and storage in compliance with instructions.

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/LC5	50 valu	es that are relevant for classification:		
78-93-3 b	utanor	10		
Oral	LD50	3,460 mg/kg (rat) (OECD 423)		
Dermal	LD50	5,000 mg/kg (rabbit)		
67-64-1 a	cetone			
Oral	LD50	5,800 mg/kg (rat)		
Dermal LD50 > 7,426 mg/kg (guinea pig) (21 CFR 191.10)				
> 7,426 mg/kg (rabbit) (21 CFR 191.10)				
Inhalative	LC50	132 mg/l/3h (rat)		
 Respirat Germ ce Carcinos Reprodution STOT-si May caustion STOT-resi Aspiration 	tory or ell muta genicit uctive a ingle e se drov peated on haz	 eye irritation. skin sensitisation Based on available data, the classification criteria are not met. agenicity Based on available data, the classification criteria are not met. ty Based on available data, the classification criteria are not met. toxicity Based on available data, the classification criteria are not met. xposure wsiness or dizziness. d exposure Based on available data, the classification criteria are not met. card Based on available data, the classification criteria are not met. 		
· Repeat	ed dos	se toxicity		
67-64-1 a	cetone			

Oral NOAEL (90d) 3,100 mg/kg bw/day (rat) (OECD 408)

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• 11.2 Information on other hazards

• Endocrine disrupting properties

78-93-3 butanone

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:

78-93-3	butanone

EC50 (static)308 mg/l/48h (Daphnia magna) (OECD 202)EC50 (static)2,029 mg/l/96h (Pseudokirchneriella subcapitata) (OECD 201)LC50 (static)2,993 mg/l/96h (Pimephales promelas) (OECD 203)67-64-1 acetoneEC50> 10,000 mg/l/24h (Daphnia magna)LC50 (dynamic)8,120 mg/l/96h (Pimephales promelas) (OECD 203)• 12.2 Persistence and degradability No further relevant information available.

• Other information: There are no data available about the preparation.

- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- 12.5 Results of PBT and vPvB assessment
 - **PBT:** Not applicable.
- vPvB: Not applicable.
- 12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

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

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 bodies or sewage system.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

· *Recommendation* Proceed according to local, official regulations.

· Uncleaned packagings:

- · Recommendation:
 - After use the packaging shall be discharged completely.

Dispose of packaging according to regulations on the disposal of packagings.

14.1 UN number or ID number		
· ADR/ADN, IMDG, IATA	UN1950	
14.2 UN proper shipping name		
· ADR/ADN	1950 AEROSOLS	
·IMDG	AEROSOLS	
·IATA	AEROSOLS, non-flammable	

List II

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· 14.3 Transport hazard class(es)	
· ADR/ADN	
2	
· Class	2 5A Gases.
· Label	2.1
· IMDG, IATA	
2/	
· Class	2.1
· Label	2.1
 14.4 Packing group ADR/ADN, IMDG, IATA 	Void
· 14.5 Environmental hazards:	Void
· Marine pollutant:	No
• 14.6 Special precautions for user	Warning: Gases.
· Kemler Number:	
· EMS Number:	F-D,S-U
· Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum
	capacity of 1 litre: Category A. For AEROSOL
	with a capacity above 1 litre: Category B. For
	WASTE AEROSOLS: Category C, Clear of liv
· Sagragation Code	quarters.
· Segregation Code	SG69 For AEROSOLS with a maximum capa of 1 litre:
	Segregation as for class 9. Stow "separated
	from" class 1 except for division 1.4.
	For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision
	class 2.
	For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision
	class 2.
 14.7 Maritime transport in bulk accord IMO instruments 	ling to Not applicable.
· Transport/Additional information:	
· ADR/ADN	
Limited quantities (LQ) Excented quantities (EQ)	1L Code: E0
 Excepted quantities (EQ) 	Not permitted as Excepted Quantity
· Transport category	3
• Tunnel restriction code	E
·IMDG	
· Limited quantities (LQ)	1L Code: F0
• Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity

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· 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
 - · Chemical safety assessment
 - · Seveso category P3b FLAMMABLE AEROSOLS
 - Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
 - · Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
 - · National regulations
 - · Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is contained.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

- H225 Highly 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 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 Aerosol 1: Aerosols - Category 1 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