

Current version: 9.2.0, issued: 23.01.2025 Region: GB Replaced version: 9.1.1, issued: 17.12.2024

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

Product identifier

Trade name

edding refill ink whiteboard marker (blue) BTK25 contained in : edding 360, edding 363

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

Relevant identified uses of the substance or mixture

Ink for use in felt pens

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

edding International GmbH Bookkoppel 7

D-22926 Ahrensburg

+49 (0) 41 02 / 80 8-0 Telephone no.

Information provided by / telephone

+49 (0)4102 - 808-0

Advice on Safety Data Sheet

sdb info@umco.de

1.4 **Emergency telephone number**

For medical advice (in German and English): +49 (0)30 30686 790 (Giftnotruf Berlin)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Irrit. 2; H319 Flam. Liq. 2; H225

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

<u>Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)</u>

Hazard pictograms







Signal word

Danger

Hazard statement(s)

H225 H319 Highly flammable liquid and vapour. Causes serious eye irritation.



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Precautionary statement(s)

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

P102 Keep out of reach of children.

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

smoking.

P370+P378 In case of fire: Use water spray, extinguishing powder, foam or CO2 to extinguish.

P501 Dispose of contents/container to a facility in accordance with local and national

regulations.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

	1024 dous ingredie		A LUC	
No	Substance name		Additional information	
	CAS / EC / Index /	Classification (EC) 1272/2008 (CLP)	Concentration	%
	REACH no			
1	ethanol			
	64-17-5	Flam. Liq. 2; H225	< 75.00	wt%
	200-578-6	Eye Irrit. 2; H319		
	603-002-00-5			
	01-2119457610-43			
2	propan-2-ol			
	67-63-0	Eye Irrit. 2; H319	< 15.00	wt%
	200-661-7	Flam. Liq. 2; H225		
	603-117-00-0	STOT SE 3; H336		
	01-2119457558-			
	25-0085			

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	Eye Irrit. 2; H319: C >= 50%	-	-

3.3 Other information

The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

After skin contact

Rinse with plenty of water.

After eve contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Call a doctor immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed



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No data available.

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

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; Water spray jet

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO2): Carbon monoxide (CO)

5.3 Advice for firefighters

Cool endangered containers with water spray jet. Use self-contained breathing apparatus. Suppress gases/vapours/mists with water spray jet. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Keep away from ignition sources.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition. Use explosion-proof equipment/fittings and non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

Requirements for storage rooms and vessels



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Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Do not store together with: Alcali metals; Earth alkali metals; oxidizing agents; Acids

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No	Substance name	CAS no.		EC no.	
1	ethanol	64-17-5		200-578-6	
	List of approved workplace exposure limits (WELs) / E	H40			
	Ethanol				
	WEL long-term (8-hr TWA reference period)	1920	mg/m³	1000	ppm
2	propan-2-ol	67-63-0		200-661-7	
	List of approved workplace exposure limits (WELs) / E	H40			
	Propan-2-ol				
	WEL short-term (15 min reference period)	1250	mg/m³	500	ppm
	WEL long-term (8-hr TWA reference period)	999	mg/m³	400	ppm

DNEL, DMEL and PNEC values

DNEL values (worker)

	DITEL TURBO (WORKER)					
No	Substance name			CAS / EC no)	
	Route of exposure	Exposure time	Effect	Value		
1	ethanol			64-17-5		
				200-578-6		
	dermal	Long term (chronic)	systemic	8238	mg/kg/day	
	inhalative	Long term (chronic)	systemic	380	mg/m³	
2	propan-2-ol			67-63-0		
				200-661-7		
	dermal	Long term (chronic)	systemic	888	mg/kg/day	
	inhalative	Long term (chronic)	systemic	500	mg/m³	

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	ethanol			64-17-5	
				200-578-6	
	inhalative	Long term (chronic)	systemic	114	mg/m³
2	propan-2-ol			67-63-0	
				200-661-7	
	oral	Long term (chronic)	systemic	26	mg/kg/day
	dermal	Long term (chronic)	systemic	319	mg/kg/day
	inhalative	Long term (chronic)	systemic	89	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Туре	Value	
1	ethanol		64-17-5	
			200-578-6	
	water	fresh water	0.96	mg/L
	water	marine water	0.79	mg/L
	water	fresh water sediment	3.6	mg/kg dry
				weight
	water	marine water sediment	2.9	mg/L



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	soil	-	0.63	mg/kg dry
				weight
	sewage treatment plant	-	580	mg/L
	secondary poisoning	-	0.38	g/kg
	with reference to: food			
2	propan-2-ol		67-63-0	
			200-661-7	
	soil	-	28	mg/kg
	sewage treatment plant	-	2251	mg/L
	secondary poisoning	-	160	mg/kg
	with reference to: food			

8.2 **Exposure controls**

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Respirator

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material butyl rubber

Material thickness 0.5 mm

Normal chemical work clothing.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.

Information on basic physical and chemical properties				
State of aggregation				
liquid				
Form				
liquid				
Colour				
blue				
Odour				
alcohol-like				
pH value				
Value	7 - 10			
Concentration	100 %			
Source	manufacturer			

Boiling point / boiling range	
Value	78.3 °C
Reference substance	CAS 64-17-5



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Source	manufacturer				
Melting point/freezing point					
No data available					
Decomposition temperature					
No data available					
Flash point					
Value		12	°C		
Reference substance	CAS 67-63-0				
Source	manufacturer				
Ignition temperature					
No data available					
Flammability					
No data available					
Lower explosion limit					
No data available					
Upper explosion limit					
No data available					
Vapour pressure					
No data available					
Relative vapour density No data available					
					_
Relative density No data available					
					_
Density Value		0.00	3		
Reference temperature		0.83 20	g/cm³ °C		
Source	manufacturer	20	C		
					_
Solubility in water Source	manufacturer				
Comments	miscible				
					_
Solubility No data available					
Partition coefficient n-octanol/water No Substance name		AS no.		EC no.	
1 ethanol		4-17-5		200-578-6	
log Pow		7-17-5	-0.35	200-010-0	
Reference temperature			24	°C	
with reference to	pH 7,4				
Method	OECD 107				
Source	ECHA				
2 propan-2-ol	6	7-63-0	0.05	200-661-7	
log Pow			0.05	°C	
Reference temperature Source	ECHA		25	U	
	LOTIA				_
Kinematic viscosity		1.0	0.4		
Value	4 manufacturor	- 10	mm²/s		

9.2 Other information

Particle characteristics
No data available

Source

manufacturer



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Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Vapours may form an explosive mixture with air.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources. Protect from sun.

10.5 Incompatible materials

Alkali metal; Earth alkali metals; Oxidizing agents; Acids

10.6 Hazardous decomposition products

In case of fire: see section 5.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acu	te oral toxicity		
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
LD5	0	10470	mg/kg bodyweight
Spe	cies	rat	
with	reference to	95% ethanol in water	
Meth	nod	OECD 401	
Soul	ce	ECHA	
Eval	uation/classification	Based on available data, the classification	on criteria are not met.
2	propan-2-ol	67-63-0	200-661-7
LD5	0	5840	mg/kg bodyweight
Spe	cies	rat	
Meth	nod	OECD 401	
Soul	ce	ECHA	
Eval	uation/classification	Based on available data, the classification	on criteria are not met.

Acute dermal toxicity

No data available

Acute inhalational toxicity		
No Substance name	CAS no.	EC no.
1 ethanol	64-17-5	200-578-6
LC50	124.7	mg/l
Duration of exposure	4	h
State of aggregation	Vapour	
Species	rat	
Method	OECD 403	
Source	ECHA	
Evaluation/classification	Based on available data, the classific	cation criteria are not met.
2 propan-2-ol	67-63-0	200-661-7
LC50	> 10000) ppmV
Duration of exposure	6	h
State of aggregation	Vapour	
Species	rat	
Method	OECD 403	
Source	ECHA	
Evaluation/classification	Based on available data, the classific	cation criteria are not met.



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Skir	corrosion/irritation		
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Spe	cies	rabbit	
Meth	nod	OECD 404	
Source		ECHA	
Eval	uation	non-irritant	
Eval	uation/classification	Based on available data, the classificatio	n criteria are not met.
2	propan-2-ol	67-63-0	200-661-7
Spe	cies	rabbit	
Sou	rce	ECHA	
Eval	uation	non-irritant	
Eval	uation/classification	Based on available data, the classificatio	n criteria are not met.

Seri	ous eye damage/irritation		
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Spe	cies	rabbit	
Meth	nod	OECD 405	
Soul	rce	ECHA	
Eval	uation	irritant	
Eval	uation/classification	Based on available data, the classification	n criteria are met.
2	propan-2-ol	67-63-0	200-661-7
Spe	cies	rabbit	
Meth	nod	OECD 405	
Soul	rce	ECHA	
Eval	uation	irritant	
Eval	uation/classification	Based on available data, the classification	n criteria are met.

Respiratory or skin sensitisation	Respiratory or skin sensitisation				
No Substance name	CAS no.	EC no.			
1 ethanol	64-17-5	200-578-6			
Route of exposure	respiratory tract				
Source	ECHA				
Evaluation	non-sensitizing				
Evaluation/classification	Based on available data, the classification	n criteria are not met.			
Route of exposure	Skin				
Species	mouse	mouse			
Source	ECHA				
Evaluation	non-sensitizing				
Evaluation/classification	Based on available data, the classification	n criteria are not met.			
2 propan-2-ol	67-63-0	200-661-7			
Route of exposure	Skin				
Species	guinea pig				
Method	OECD 406				
Source	ECHA				
Evaluation	non-sensitizing				
Evaluation/classification	Based on available data, the classification	n criteria are not met.			

Germ cell mutagenicity				
No Substance name	CAS no.	EC no.		
1 ethanol	64-17-5	200-578-6		
Type of examination	in vitro gene mutation study in bac	cteria		
Species	Salmonella typhimurium			
Method	OECD 471			
Source	ECHA	ECHA		
Evaluation/classification	Based on available data, the class	Based on available data, the classification criteria are not met.		
Type of examination	in vitro gene mutation study in ma	in vitro gene mutation study in mammalian cells		
Species	mouse lymphoma cells			
Method	OECD 476			
Source	ECHA			
Evaluation/classification	Based on available data, the class	sification criteria are not met.		



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Type of examination	Genotoxicity in vivo			
Species	mouse			
Method	OECD 478			
Source	ECHA			
Evaluation/classification	Based on available data, the class	ssification criteria are not met.		
2 propan-2-ol	67-63-0	200-661-7		
Source	ECHA			
Evaluation/classification	Based on available data, the class	Based on available data, the classification criteria are not met.		

Rep	roduction toxicity			
No	Substance name	CAS no.	EC no.	
1	ethanol	64-17-5	200-578-6	
Rou	te of exposure	oral		
NOA	AEL .			
Тур	e of examination	2 generation study		
Spe	cies	mouse		
Met	hod	OECD 416		
Sou	rce	ECHA		
Eva	luation/classification	Based on available data, the classification	on criteria are not met.	
Rou	te of exposure	inhalational		
NO	AEL .	>= 20000	ppm	
Тур	e of examination	Prenatal Developmental Toxicity Study		
Spe	cies	rat		
Met	hod	OECD 414		
Sou	rce	ECHA		
Eva	luation/classification	Based on available data, the classification criteria are not met.		
2	propan-2-ol	67-63-0	200-661-7	
Rou	te of exposure	oral		
NOA	AEL .	1000	mg/kg bw/d	
Тур	e of examination	Two-Generation Reproduction Toxicity S	Study	
Spe	cies	rats (male/female)		
Met	hod	OECD 416		
Sou	rce	ECHA		
Eva	luation/classification	Based on the available data, the classifi	ication criteria are not met.	

Card	Carcinogenicity			
No	Substance name	CAS no.	EC no.	
1	ethanol	64-17-5	200-578-6	
Sou	rce	ECHA		
Eval	uation/classification	Based on available data, the classification	ı criteria are not met.	
2	propan-2-ol	67-63-0	200-661-7	
Rou	te of exposure	inhalational		
NOE	L	5000	ppm	
Spe	cies	rats (male/female)		
Meth	nod	OECD 451		
Sou	rce	ECHA		

STOT - single exposure No data available

STO	OT - repeated exposure					
No	Substance name		CAS no.		EC no.	
1	ethanol		64-17-5		200-578-6	
Rou	te of exposure	oral				
Dura	ation of exposure			14	week/s	
Spe	cies	rat				
Targ	et organ	kidneys				
Meth	nod	OECD 408				
Sou	rce	ECHA				
Eval	luation/classification	Based on av	ailable data, th	e classificatio	n criteria are not met.	
2	propan-2-ol		67-63-0		200-661-7	
Rou	te of exposure	inhalational				
NOA	VEC .			12500	mg/m³	



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Species	rat
Method	OECD 451
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Aspiration hazard
No data available

Endocrine disrupting properties	
No data available	

11.2 Information on other hazards

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxi	city to fish (acute)				
No	Substance name	CAS no.		EC no.	
1	ethanol	64-17-5		200-578-6	
LC5	0		14200	mg/l	
Dura	ation of exposure		96	h	
Spe	cies	Pimephales promelas			
Meth	nod	EPA			
Sou	rce	ECHA			
2	propan-2-ol	67-63-0		200-661-7	
LC5	0		9640	mg/l	
Dura	ation of exposure		96	h	
Spe	cies	Pimephales promelas			
Meth	nod	OECD 203			
Sou	rce	ECHA			

Toxicity to fish (chronic) No data available

Toxi	Toxicity to Daphnia (acute)						
No	Substance name	CAS no.		EC no.			
1	ethanol	64-17-5		200-578-6			
EC5	0		5012	mg/l			
Dura	ation of exposure		48	h			
Species		Ceriodaphnia dubia					
Method		ASTM Standard E 729-80					
Source		ECHA					

Toxi	Toxicity to Daphnia (chronic)						
No	Substance name	CAS no.		EC no.			
1	ethanol	64-17-5		200-578-6			
NOEC			9.6	mg/l			
Duration of exposure			9	day(s)			
Species		Daphnia magna					
Source		ECHA					

Toxi	Toxicity to algae (acute)					
No	Substance name	CAS no.		EC no.		
1	ethanol	64-17-5		200-578-6		
EC50			275	mg/l		
Duration of exposure			72	h		
Species		Chlorella vulgaris				
Method		OECD 201				
Soul	rce	ECHA				

Toxicity to algae (chronic)



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No data available

Bacteria toxicity
No data available

12.2 Persistence and degradability

Biod	Biodegradability					
No	Substance name	CAS no.	CAS no.			
1	ethanol	64-17-5		200-578-6		
Туре)	aerobic biodegradation	aerobic biodegradation			
Valu	e	appr.	84	%		
Dura	ation		20	day(s)		
Soul	rce	ECHA				
Eval	uation	readily biodegradable				
2	propan-2-ol	67-63-0		200-661-7		
Туре		BOD/COD				
Valu	e		53	%		
Dura	ation		5	day(s)		
Source		ECHA		, ,		
Eval	uation	readily biodegradable				

12.3 Bioaccumulative potential

	io Biodocamalativo potentiai						
Part	Partition coefficient n-octanol/water (log value)						
No	Substance name		CAS no.		EC no.		
1	ethanol		64-17-5		200-578-6		
log F	Pow			-0.35			
Refe	erence temperature			24	°C		
with	with reference to						
Meth	nod	OECD 107					
Sou	rce	ECHA					
2	propan-2-ol		67-63-0		200-661-7		
log F	Pow			0.05			
Refe	erence temperature			25	°C		
Sou	rce	ECHA					

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 UN number or ID number ADR/RID/ADN

UN1263



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IMDG UN1263 ICAO-TI / IATA UN1263

14.2 UN proper shipping name

ADR/RID/ADN PAINT
Technical name ethanol

IMDG PAINT
Technical name ethanol

ICAO-TI / IATA Paint
Technical name ethanol

14.3 Transport hazard class(es)

ADR/RID/ADN - Class 3 Label 3 Classification code F1 Tunnel restriction code D/E Hazard identification no. 33 640D Special Provision 640 **IMDG - Class** 3 3 Label ICAO-TI / IATA - Class 3 3 Label

14.4 Packing group

ADR/RID/ADN || IMDG || ICAO-TI / IATA || I

14.5 Environmental hazards

EmS F-E, S-E

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3, 40

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	propan-2-ol	67-63-0	200-661-7	75

Directive 2012/18/EU	on the control of	f major-accident	hazards involving	ı dangerous s	ubstances

This product is subject to Part I of Annex I, risk category:



Current version: 9.2.0, issued: 23.01.2025 Replaced version: 9.1.1, issued: 17.12.2024 Region: GB

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

H336 May cause drowsiness or dizziness.

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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