Trade name: edding Permanent Ink (red) contained in: edding 500, edding 550, edding 800, edding

Current version: 1.1.0, Revision: 23.03.2026 **Replaced version:** 1.1.0, Revision: 10.06.2025 **Region:** GB

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

1.1 Product identifier

Trade name

edding Permanent Ink (red) contained in: edding 500, edding 550, edding 800, edding 850, edding 3000, edding 3300

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

Relevant identified uses of the substance or mixture
Refill ink

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

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)
Flam. Liq. 3; H226
STOT SE 3; H336

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

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

Hazard pictograms


GHS02


GHS07

Signal word
Warning

Hazardous component(s) to be indicated on label:
1-methoxy-2-propanol

Hazard statement(s)

H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.

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.
P271	Use only outdoors or in a well-ventilated area.
P370+P378	In case of fire: Use water spray, extinguishing powder, foam or CO2 to extinguish.
P405	Store locked up.
P501	Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards

PBT assessment
The components of this product are not considered to be a PBT.

vPvB assessment
The components of this product are not considered to be a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization
Mixture (preparation)

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	**1-methoxy-2-propanol**			
	107-98-2 203-539-1 603-064-00-3 01-2119457435-35-0034	Flam. Liq. 3; H226 STOT SE 3; H336	< 75.00	wt%
2	**ethanol**			
	64-17-5 200-578-6 603-002-00-5 01-2119457610-43	Flam. Liq. 2; H225 Eye Irrit. 2; H319	< 10.00	wt%

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)
2	-	Eye Irrit. 2; H319: C >= 50%	-	-

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
Wash off immediately with soap and water. Do NOT use solvents or thinners.

After eye contact
Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion
Rinse out mouth and give plenty of water to drink. Call a doctor immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

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

Use self-contained breathing apparatus. Cool endangered containers with water spray jet. 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

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: Acids; Alkalis; oxidizing agents

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	**1-methoxy-2-propanol**	**107-98-2**		**203-539-1**	
	2000/39/EC				
	1-Methoxypropanol-2				
	WEL short-term (15 min reference period)	568	mg/m³	150	ppm
	WEL long-term (8-hr TWA reference period)	375	mg/m³	100	ppm
	Skin resorption / sensibilisation	Skin			
	List of approved workplace exposure limits (WELs) / EH40				
	1-Methoxypropan-2-ol				
	WEL short-term (15 min reference period)	560	mg/m³	150	ppm
	WEL long-term (8-hr TWA reference period)	375	mg/m³	100	ppm
	Comments	Sk			
2	**ethanol**	**64-17-5**		**200-578-6**	

	List of approved workplace exposure limits (WELs) / EH40				
	Ethanol				
	WEL long-term (8-hr TWA reference period)	1920	mg/m³	1000	ppm

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	**1-methoxy-2-propanol**			**107-98-2** **203-539-1**	
	dermal	Long term (chronic)	systemic	183	mg/kg/day
	inhalative	Long term (chronic)	systemic	369	mg/m³
	inhalative	Short term (acut)	local	553.5	mg/m³
	inhalative	Short term (acut)	systemic	553.5	mg/m³
2	**ethanol**			**64-17-5** **200-578-6**	
	dermal	Long term (chronic)	systemic	8238	mg/kg/day
	inhalative	Long term (chronic)	systemic	380	mg/m³

DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	**1-methoxy-2-propanol**			**107-98-2** **203-539-1**	
	oral	Long term (chronic)	systemic	33	mg/kg/day
	dermal	Long term (chronic)	systemic	78	mg/kg/day
	inhalative	Long term (chronic)	systemic	43.9	mg/m³
2	**ethanol**			**64-17-5** **200-578-6**	
	inhalative	Long term (chronic)	systemic	114	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	**1-methoxy-2-propanol**		**107-98-2** **203-539-1**	
	water	fresh water	10	mg/L
	water	marine water	1	mg/L
	water	fresh water sediment	52.3	mg/kg
	with reference to: dry weight			
	water	marine water sediment	5.2	mg/kg
	with reference to: dry weight			
	soil	-	4.59	mg/kg
	with reference to: dry weight			
	sewage treatment plant	-	100	mg/L
2	**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
	soil	-	0.63	mg/kg dry weight
	sewage treatment plant	-	580	mg/L
	secondary poisoning	-	0.38	g/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.
Short term: filter apparatus, Filter A

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 work-station 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
Breakthrough time	>	240	min

Other
Normal chemical work clothing.

Environmental exposure controls
No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation
liquid

Form
liquid

Colour
red

Odour
characteristic

pH value		
Value	7.5	
Source	manufacturer	

Boiling point / boiling range		
Value	126	°C
Source	manufacturer	

Melting point/freezing point
No data available

Decomposition temperature		
Value	200	°C
Source	manufacturer	

Flash point		
Value	28	°C
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		
Value	1100	hPa
Reference temperature	50	°C
Source	manufacturer	

Relative vapour density
No data available

Relative density
No data available

Density		
Value	0.946	g/cm³
Reference temperature	20	°C
Source	manufacturer	

Solubility

No data available

Partition coefficient n-octanol/water (log value)				
No	**Substance name**	**CAS no.**		**EC no.**
1	**1-methoxy-2-propanol**	**107-98-2**		**203-539-1**
log Pow		<	1	
Reference temperature			20	°C
with reference to		pH: 6.8		
Method		OECD 117		
Source		ECHA		
2	**ethanol**	**64-17-5**		**200-578-6**
log Pow			-0.35	
Reference temperature			24	°C
with reference to		pH 7,4		
Method		OECD 107		
Source		ECHA		

Kinematic viscosity		
Value	12	sec
Reference temperature	20	°C
Type	dynamic	
Method	DIN cup 4 mm	
Source	manufacturer	

Solvent separation test		
Value	3	%

Particle characteristics
No data available

9.2 Other information

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
No data available.

10.4 Conditions to avoid
Heat, naked flames and other ignition sources. Protect from humid air and water.

10.5 Incompatible materials
Acids; Alkalis; Oxidizing agents

10.6 Hazardous decomposition products
Hydrogen

SECTION 11: Toxicological information

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

Acute oral toxicity				
No	**Substance name**	**CAS no.**		**EC no.**
1	**1-methoxy-2-propanol**	**107-98-2**		**203-539-1**
LD50			4016	mg/kg bodyweight
Species		rat		
Method		EC 440/2008, B.1		
Source		ECHA		
Evaluation/classification		Based on available data, the classification criteria are not met.		
2	**ethanol**	**64-17-5**		**200-578-6**
LD50			10470	mg/kg bodyweight
Species		rat		
with reference to		95% ethanol in water		
Method		OECD 401		
Source		ECHA		
Evaluation/classification		Based on available data, the classification criteria are not met.		

Acute dermal toxicity				
No	**Substance name**	**CAS no.**	**EC no.**	
1	**1-methoxy-2-propanol**	**107-98-2**	**203-539-1**	
LD50	>	2000	mg/kg bodyweight	
Species	rat			
Method	440/2008/EC B.3.			
Source	ECHA			
Evaluation/classification	Based on available data, the classification criteria are not met.			

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 classification criteria are not met.			

Skin corrosion/irritation				
No	**Substance name**	**CAS no.**	**EC no.**	
1	**1-methoxy-2-propanol**	**107-98-2**	**203-539-1**	
Duration of exposure		4	h	
Species	rabbit			
Method	EC 440/2008, B.4			
Source	ECHA			
Evaluation	non-irritant			
Evaluation/classification	Based on available data, the classification criteria are not met.			
2	**ethanol**	**64-17-5**	**200-578-6**	
Species	rabbit			
Method	OECD 404			
Source	ECHA			
Evaluation	non-irritant			
Evaluation/classification	Based on available data, the classification criteria are not met.			

Serious eye damage/irritation				
No	**Substance name**	**CAS no.**	**EC no.**	
1	**1-methoxy-2-propanol**	**107-98-2**	**203-539-1**	
Species	rabbit			
Method	2004/73/EEC, B.5			
Source	ECHA			
Evaluation	non-irritant			
Evaluation/classification	Based on available data, the classification criteria are not met.			
2	**ethanol**	**64-17-5**	**200-578-6**	
Species	rabbit			
Method	OECD 405			
Source	ECHA			
Evaluation	irritant			
Evaluation/classification	Based on available data, the classification criteria are met.			

Respiratory or skin sensitisation				
No	**Substance name**	**CAS no.**	**EC no.**	
1	**1-methoxy-2-propanol**	**107-98-2**	**203-539-1**	
Route of exposure	Skin			
Species	guinea pig			
Method	440/2008/EC B.6			
Source	ECHA			
Evaluation	non-sensitizing			
Evaluation/classification	Based on available data, the classification criteria are not met.			
2	**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 criteria are not met.			
Route of exposure	Skin			
Species	mouse			
Source	ECHA			
Evaluation	non-sensitizing			
Evaluation/classification	Based on available data, the classification criteria are not met.			

Germ cell mutagenicity			
No	**Substance name**	**CAS no.**	**EC no.**
1	**1-methoxy-2-propanol**	**107-98-2**	**203-539-1**
Type of examination	in vitro gene mutation study in bacteria		
Species	Salmonella typh. TA98, TA100, TA1535, TA1537, TA1538		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	**ethanol**	**64-17-5**	**200-578-6**
Type of examination	in vitro gene mutation study in bacteria		
Species	Salmonella typhimurium		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	in vitro gene mutation study in mammalian cells		
Species	mouse lymphoma cells		
Method	OECD 476		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Type of examination	Genotoxicity in vivo		
Species	mouse		
Method	OECD 478		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity			
No	**Substance name**	**CAS no.**	**EC no.**
1	**1-methoxy-2-propanol**	**107-98-2**	**203-539-1**
Route of exposure	inhalational		
NOEL	1000		ppm
Type of examination	Two-Generation Reproduction Toxicity Study		
Species	rat		
Method	OECD 416		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	**ethanol**	**64-17-5**	**200-578-6**
Route of exposure	oral		
NOAEL			
Type of examination	2 generation study		
Species	mouse		
Method	OECD 416		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Route of exposure	inhalational		
NOAEL	>= 20000		ppm
Type of examination	Prenatal Developmental Toxicity Study		
Species	rat		
Method	OECD 414		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carcinogenicity			
No	**Substance name**	**CAS no.**	**EC no.**
1	**1-methoxy-2-propanol**	**107-98-2**	**203-539-1**
Route of exposure	inhalational		
NOAEL	3000		ppm
Duration of exposure	2		year(s)
Species	rat		
Method	OECD 453		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	**ethanol**	**64-17-5**	**200-578-6**
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

STOT - single exposure
No data available

STOT - repeated exposure			
No	**Substance name**	**CAS no.**	**EC no.**
1	**ethanol**	**64-17-5**	**200-578-6**

Route of exposure	oral		
Duration of exposure		14	week/s
Species	rat		
Target organ	kidneys		
Method	OECD 408		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Aspiration hazard
No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin.

11.2 Information on other hazards

Endocrine disrupting properties
No data available

Other information
No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)					
No	**Substance name**	**CAS no.**		**EC no.**	
1	**1-methoxy-2-propanol**	**107-98-2**		**203-539-1**	
LC50	> 4600	-	10000		mg/l
Duration of exposure			96		h
Species	Leuciscus idus				
Method	DIN 38 412, part L15				
Source	ECHA				
Evaluation/classification	Based on available data, the classification criteria are not met.				
2	**ethanol**	**64-17-5**		**200-578-6**	
LC50			14200		mg/l
Duration of exposure			96		h
Species	Pimephales promelas				
Method	EPA				
Source	ECHA				

Toxicity to fish (chronic)
No data available

Toxicity to Daphnia (acute)					
No	**Substance name**	**CAS no.**		**EC no.**	
1	**1-methoxy-2-propanol**	**107-98-2**		**203-539-1**	
EC50	21100	-	25900		mg/l
Duration of exposure			48		h
Species	Daphnia magna				
Method	ESR-ES-15				
Source	ECHA				
Evaluation/classification	Based on available data, the classification criteria are not met.				
2	**ethanol**	**64-17-5**		**200-578-6**	
EC50			5012		mg/l
Duration of exposure			48		h
Species	Ceriodaphnia dubia				
Method	ASTM Standard E 729-80				
Source	ECHA				

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				

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		
Source	ECHA		

Toxicity to algae (chronic)
No data available

Bacteria toxicity
No data available

12.2 Persistence and degradability

Biodegradability				
No	**Substance name**	**CAS no.**		**EC no.**
1	**1-methoxy-2-propanol**	**107-98-2**		**203-539-1**
Type	aerobic biodegradation			
Value		96	%	
Duration		28	day(s)	
Method	OECD 301 E			
Source	ECHA			
Evaluation	readily biodegradable			
2	**ethanol**	**64-17-5**		**200-578-6**
Type	aerobic biodegradation			
Value	appr.	84	%	
Duration		20	day(s)	
Source	ECHA			
Evaluation	readily biodegradable			

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)				
No	**Substance name**	**CAS no.**		**EC no.**
1	**1-methoxy-2-propanol**	**107-98-2**		**203-539-1**
log Pow	<	1		
Reference temperature		20	°C	
with reference to	pH: 6.8			
Method	OECD 117			
Source	ECHA			
2	**ethanol**	**64-17-5**		**200-578-6**
log Pow		-0.35		
Reference temperature		24	°C	
with reference to	pH 7,4			
Method	OECD 107			
Source	ECHA			

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
Product Name	
edding Permanent Ink (red) contained in: edding 500, edding 550, edding 800, edding 850, edding 3000, edding 3300	
PBT assessment	The components of this product are not considered to be a PBT.
vPvB assessment	The components of this product are not considered to be a vPvB.

No	**Substance name**	**CAS no.**	**EC no.**
1	**1-methoxy-2-propanol**	**107-98-2**	**203-539-1**
PBT assessment	The substance is not PBT.		
vPvB assessment	The substance is not vPvB.		
Source	ECHA		

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge product unmonitored into the environment.

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
IMDG	UN1263
ICAO-TI / IATA	UN1263

14.2 UN proper shipping name

ADR/RID/ADN	PAINT RELATED MATERIAL
IMDG	PAINT RELATED MATERIAL
ICAO-TI / IATA	Paint related material

14.3 Transport hazard class(es)

ADR/RID/ADN - Class	3
Label	3
Classification code	F1
Tunnel restriction code	D/E
Hazard identification no.	30
IMDG - Class	3
Label	3
ICAO-TI / IATA - Class	3
Label	3

14.4 Packing group

ADR/RID/ADN	III
IMDG	III
ICAO-TI / IATA	III

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

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances	
This product is subject to Part I of Annex I, risk category:	P5c

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)

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

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.

Creation of the safety data sheet
UMCO GmbH
Georg-Wilhelm-Str. 187, D-21107 Hamburg
Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: umco@umco.de

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.

Copyright-protected document. Any changes or reproductions require the express consent of UMCO GmbH.
Prod-ID 792508