



# Meprobamate Safety Data Sheet

Safety Data Sheet in accordance with regulation (EC) No 1907/2006, as amended. Date of issue: 31/05/2017 Version: 1.0

SECTION 1: Identification of the s	substance/mixture and of the company/undertaking	
1.1. Product identifier		
Product form	: Substance	
bstance name : Meprobamate		
Product code : 201600562		
Synonyms	: Meprobamate, salts, hydrates, isomers and impurities where applicable	
Other means of identification	: Ph.Eur. 0407	
	. Th.Edi. 0407	
1.2. Relevant identified uses of the s	substance or mixture and uses advised against	
1.2.1. Relevant identified uses		
Main use category	: The product is intended for research, analysis and scientific education.	
Use of the substance/mixture	: For professional use only	
Function or use category	: Laboratory chemicals	
1.2.2. Uses advised against		
1.2.2. Uses advised against Restrictions on use	: Do not use : Ingestion, Inhalation, Dermal	
1.3. Details of the supplier of the saf		
European Directorate for the Quality of Medie EDQM, Council of Europe 67081 Strasbourg - France T +33(0)388412035 - F +33(0)388412771 <u>sds@edqm.eu</u> - <u>www.edqm.eu</u>	cines & Healthcare	
1.4. Emergency telephone number		
Emergency number	: +33(0)390215608	
SECTION 2: Hazards identificatio	n	
2.1. Classification of the substance of	or mixture	
Classification according to Regulation (Ef Acute toxicity (oral), Category 4 Specific target organ toxicity — Single expos Full text of H statements : see section 16	H302	
Adverse physicochemical, human health Expert judgement and weight of evidence de 2.2. Label elements		
	- 1272/2008 ICI B1	
Labelling according to Regulation (EC) No Hazard pictograms (CLP)	GHS07	
Signal word (CLP)	: Warning	
Hazard statements (CLP)	: H302 - Harmful if swallowed	
Precautionary statements (CLP)	H336 - May cause drowsiness or dizziness : P261 - Avoid breathing dust P304 - P312 - JE SWALL OWED: Call a degrar if you feel upwell	
Labelling according to: exemption for inn	P301+P312 - IF SWALLOWED: Call a doctor if you feel unwell her packaging where the contents do not exceed 10ml	
No labelling required		
<u> </u>		
2.3. Other hazards		
No additional information available		

No additional information available

SECTION 3: Composition/information on ingredients			
3.1.	Substances		
04/04/2	D17 EN (English)	1/5	

## Meprobamate

## Safety Data Sheet

Safety Data Sheet in accordance with regulation (EC) No 1907/2006, as amended.

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Meprobamate		<= 100	Acute Tox. 4 (Oral), H302 STOT SE 3, H336
Full text of H-statements: see section 16			- I
3.2. Mixtures			
Not applicable			
SECTION 4: First aid measures			
I.1. Description of first aid measures			
irst-aid measures after skin contact	: Wipe off as much as possible (using	a clean, soft, absorbe	nt material).
First-aid measures after eye contact	: Rinse eyes with water as a precautio		
I.2. Most important symptoms and ef	fects, both acute and delayed		
No additional information available			
4.3. Indication of any immediate medi	cal attention and special treatment need	ed	
No additional information available			
SECTION 5: Firefighting measures	3		
5.1. Extinguishing media			
Suitable extinguishing media	: Extinguishing blanket.		
5.2. Special hazards arising from the	substance or mixture		
Fire hazard	: See Heading 2.2.		
5.3. Advice for firefighters			
Firefighting instructions	: Use extinguishing media appropriate	for surrounding fire.	
SECTION 6: Accidental release me	easures		
6.1. Personal precautions, protective	equipment and emergency procedures		
6.1.1. For non-emergency personnel			
Emergency procedures	: Avoid all unnecessary exposure.		

6.1.2. For emergency responders No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

## 6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage		
7.1.	Precautions for safe handling	
No addi	tional information available	
7.2.	Conditions for safe storage, including any incompatibilities	
No addi	tional information available	
7.3.	Specific end use(s)	
See He	ading 1.	

**SECTION 8: Exposure controls/personal protection** 

## 8.1. Control parameters

No additional information available

# Meprobamate

## Safety Data Sheet

Safety Data Sheet in accordance with regulation (EC) No 1907/2006, as amended.

## 8.2. Exposure controls

## Appropriate engineering controls:

Keep in a well-ventilated room. Both local exhaust and general room ventilation are usually required.

## Hand protection:

Protective gloves

## Skin and body protection:

Lab coat

9.2. Other information         9.2. Other information         No additional information available         SECTION 10: Stability and reactivity         10.1. Reactivity         Stable under normal conditions.         10.2. Chemical stability         No additional information available         10.3. Possibility of hazardous reactions         None known.         10.4. Conditions to avoid         No additional information available         10.5. Incompatible materials         None under normal use. See Heading 7.	SECTION & Druciant and showing	
Physical state         :         Solid           Appearance         :         Powder.           Colour         :         No data available           Odour hurschold         :         No data available           Odour hurschold         :         No data available           H         :         No data available           Prezing point         :         No data available           Freezing point         :         No data available           Planmability (solid, gas)         :         No data available           Auci-grintion temperature         :         No data available           Vapour pressure         :         No data available           Vapour pressure         :         No data available           Vapour density at 20°C         :         No data available           Viscosity, dynamic         :         No data available           Viscosity, dynamic         :         No data available           Viscosity, dynamation available <td></td> <td></td>		
Appearance : Powder. Colour : 0 ko data available Colour : 1 ko data available Colour threshold : 1 ko data available Colour : 1 ko data		
Colour     i     No data available       Octour threshold     i     No data available       Odour threshold     i     No data available       Relative evaporation rate (Dutylacetate=1)     i:     No data available       Welting point     i:     No data available       Freezing point     i:     No data available       Falsh point     i:     No data available       Falmmability (solid, gas)     i:     No data available       Palmosbility (solid, gas)     i:     No data available       Vapour pressure     i:     No data available       Relative density     i:     No data available       Viscostiy, dinematic     i:     No data available       Viscostiy, dynamic     i:     No data available <td></td> <td></td>		
Odour       : No data available         Odour threshold       : No data available         Relative evaporation rate (butylacetate-1)       : No data available         Relative evaporation rate (butylacetate-1)       : No data available         Relative evaporation rate (butylacetate-1)       : No data available         Freeing point       : No data available         Boiling point       : No data available         Decomposition temperature       : No data available         Decomposition temperature       : No data available         Opport grassure       : No data available         Vapour pressure       : No data available         Viscosity, dynamic       : No data available         Viscosity, dynamic       : No data available         Viscosity, dynamic       : No data available         Suble under normatice novalable       :         Dodata available       :         Suble under normatice novalable       :         Subouting information available       : <t< td=""><td></td><td></td></t<>		
Odur threshold       : No data available         PH       : No data available         Relative evaporation rate (bulylacetate=1)       : No data available         Boling point       : No data available         Boling point       : No data available         Boling point       : No data available         Freezing point       : No data available         Freezing point       : No data available         Fash point       : No data available         Pater point       : No data available         Vapour pressure       : No data available         Relative density       : No data available         Stoppoint       : No data available         Viscosity, kinematic       : No data available         Viscosity, kinematic       : No data available         Stophyse properties       : No data available		
pH       : No data available         Relative evaporation rate (butylacetate-1)       : No data available         Welting point       : No data available         Brezing point       : No data available         Brain point       : No data available         Auto-ignition temperature       : No data available         Decomposition temperature       : No data available         Auto-ignition temperature       : No data available         Vapour pressure       : No data available         Vapour density at 20 °C       : No data available         Relative density       : No data available         Subbility       : No data available         Vapour pressure       : No data available         Vapour pressure       : No data available         Vapour pressure       : No data available         Viscosity, Ainematic       : No data available		
Relative evaporation rate (butylacetate=1)       i. No data available         Motting point       i. No data available         Freezing point       i. No data available         Boling point       i. No data available         Flash point       i. No data available         Path opint       i. No data available         Auto-ignition temperature       i. No data available         Peacomposition temperature       i. No data available         Planmability (solid, gas)       i. No data available         Relative apour density at 20 °C       i. No data available         Relative apour density at 20 °C       i. No data available         Relative apour density at 20 °C       i. No data available         Relative apour density at 20 °C       i. No data available         Viscosity, kinematic       i. No data available         Viscosity, kinematic       i. No data available         Viscosity, dynamic       i. No data available         Viscosity, dynamic       i. No data available         Stoliding properties       i. No data available         Didising properties       i. No data available         Stolidinal information available       i. No data available         Didising properties       i. No data available         Didising properties       i. No data available<		
Wetting point       No data available         Freezing point       No data available         Boiling point       No data available         Boiling point       No data available         Auto-ignition temperature       No data available         Decomposition temperature       No data available         Planmability (solid, gas)       No data available         Planmability (solid, gas)       No data available         Relative vapour density at 20 °C       No data available         Relative density       No data available         Solubility       No data available         Log Pow       No data available         Viscosity, kinematic       No data available         Viscosity, kinematic       No data available         Viscosity, dynamic       No data available         Stylosive properties       No data available         Stylosive properties       No data available         Stylosive properties       No data available         Stylosive Imits       No data available         Stylosive Imoretion       No data available         Stylosisthit of formatio	•	
Freezing point       I       No data available         Boiling point       I       No data available         Flash point       I       No data available         Flash point       I       No data available         Decomposition temperature       I       No data available         Decomposition temperature       I       No data available         Decomposition temperature       I       No data available         Qapour pressure       I       No data available         Relative vapour density at 20 °C       I       No data available         Relative density       I       No data available         Solubility       I       No data available         Solubility       I       No data available         Viscosity, kinematic       I       No data available         Viscosity, kinematic       I       No data available         Viscosity, dynamic       I       No data available         Soldising properies       I       No data available         Soldising information       I       No data available         Soldising information available       I       No data available         Soldising information available       I       No data available         Soldising information available </td <td></td> <td></td>		
boiling point : No data available Flash point : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Planmability (solid, gas) : No data available Flanmability (solid, gas) : No data available Relative dansity at 20 °C : No data available Relative dansity : No data available Solubility : No data available Solubility : No data available Solubility : No data available Viscosity, dynamic : No data available Explosive properties : No data available Solubility properties : No data available Solubility properties : No data available Solubility properties : No data available Solubility : No data available Solubility : No data available Solubility properties : No data available Solubility of the solubility of the solubility of the solubility is no data available Solubility of the solubility of the solubility of the solubility is no data available Solubility of the solubility of the solubility of the solubility is no data available Solubility of the solubility of the solubi		
Flash point       :       No data available         Auto-ignition temperature       :       No data available         Decomposition temperature       :       No data available         Flammability (solid gas)       :       No data available         Relative vapour density at 20 °C       :       No data available         Relative vapour density at 20 °C       :       No data available         Solubility       :       No data available         Solubility of poperties       :       No data available         Soldising properties       :       No data available         Soldising information available       :       No data available         Soldising properties       :       No data available         Soldising properties       :       No data available         Soldising properties       :       No d		
Auto-ignition temperature       :       No data available         Decomposition temperature       :       No data available         Planmability (solid, gas)       :       No data available         Vapour pressure       :       No data available         Relative vapour density at 20 °C       :       No data available         Relative density       :       No data available         Solubility       :       No data available         Solubility       :       No data available         Solubility       :       No data available         Viscosity, kinematic       :       No data available         Viscosity, kinematic       :       No data available         Viscosity, opmanic       :       No data available         Viscosity, opmanic       :       No data available         Solidising properties       :       No data available         Solidising properties       :       No data available         Solidisinal information available       :       No data available         Stable under normal conditions:       :       No data available         Stable under normal available       :       No data available         Stable under normal use.       :       No data available         <		
Decomposition temperature       I       No data available         Flammability (solid, gas)       I       No data available         Vapour pressure       I       No data available         Relative density at 20 °C       I       No data available         Relative density       I       No data available         Relative density       I       No data available         Solubility       I       No data available         Solubility       I       No data available         Viscosity, kinematic       I       No data available         Viscosity, dynamic       I       No data available         Subsity dynamic       I       No data available     <		
Flammability (solid, gas)       i       No data available         Vapour pressure       i       No data available         Relative vapour density at 20 °C       i       No data available         Relative density       i       No data available         Solubility       i       No data available         Solubility       i       No data available         Cold pow       i       No data available         Viscosity, kinematic       i       No data available         Viscosity, dynamic       i       No data available         Viscosity, dynamic       i       No data available         Explosive properties       i       No data available         Explosive properties       i       No data available         Seplosive imits       i       No data available	•	
Vapour pressure : No data available Relative vapour density at 20 °C : No data available Relative density : No data available Solubility : No data available Solubility : No data available Uiscosity, kinematic : No data available Viscosity, dynamic : No data available Viscosity, dynamic : No data available Cytosisve properties : No data available SECTION 10: Stability and reactivity SECTION 10: Stability and reactivity Stable under normal conditions. 10.2. Chemical stability No additional information available 10.3. Possibility of hazardous reactions None known. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials None under normal use. See Heading 7. 10.6. Hazardous decomposition products		
Relative vapour density at 20 °C : No data available   Relative density : No data available   Solubility : No data available   Solubility : No data available   Viscosity, kinematic : No data available   Viscosity, dynamic : No data available   Explosive properties : No data available   Oxidising properties : No data available   Oxiditional information available : No data available   Io.1. Reactivity : Intervention   None known. : Intervention   Io.4. Conditions to avoid <td></td> <td></td>		
Relative density       i       No data available         Solubility       i       No data available         Log Pow       i       No data available         Uiscosity, kinematic       i       No data available         Viscosity, dynamic       i       No data available         Explosive properties       i       No data available         Explosive properties       i       No data available         Explosive properties       i       No data available         Explosive limits       on data available       Intervention         Stable under normal conditions.       Intervention       Intervention         Intervention       savailable       Intervention       Intervention         Intervention       savai		
Solubility       i       No data available         Log Pow       i       No data available         Viscosity, kinematic       i       No data available         Viscosity, dynamic       i       No data available         Viscosity, dynamic       i       No data available         Explosive properties       i       No data available         Dxidising prometion available       i       No data available         Dxidising prometion available       i       No additional information available         Dxiditional		
Log Pow       : No data available         Viscosity, kinematic       : No data available         Viscosity, dynamic       : No data available         Viscosity, dynamic       : No data available         Explosive properties       : No data available         Dxidising properties       : No data available         Dxidising properties       : No data available         Explosive limits       : No data available         Dxidising properties       : No data available         SECTION 10: Stability and reactivity       :         No additional information available       :         Dxiditional information available       :         Io.2. Chemical stability       :         No additional information available       :         Io.4. Conditions to avoid       :         Io.5.	,	: No data available
Viscosity, kinematic : No data available Viscosity, dynamic : No data available Explosive properties : No data available Explosive limits : No data available Explosive limits : No data available Explosive limits : No data available 2. Other information No additional information available SECTION 10: Stability and reactivity 10.1. Reactivity Stable under normal conditions. 10.2. Chemical stability No additional information available 10.3. Possibility of hazardous reactions None known. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials None under normal use. See Heading 7.	-	
Viscov, dynamic : No data available Explosive properties : No data available Oxidising properties : No data available Explosive limits : No data available Explosive limits : No data available 9.2. Other information No additional information available SECTION 10: Stability and reactivity 10.1. Reactivity Stable under normal conditions. 10.2. Chemical stability No additional information available 10.3. Possibility of hazardous reactions None known. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials None under normal use. See Heading 7. 10.6. Hazardous decomposition products	-	
Explosive properties : No data available Oxidising properties : No data available Explosive limits : No data available 9.2. Other information No additional information available SECTION 10: Stability and reactivity 10.1. Reactivity Stable under normal conditions. 10.2. Chemical stability No additional information available 10.3. Possibility of hazardous reactions None known. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials None under normal use. See Heading 7. 10.6. Hazardous decomposition products		: No data available
Dxidising properties : No data available   Explosive limits : No data available   9.2. Other information   No additional information available   SECTION 10: Stability and reactivity   10.1. Reactivity   Stable under normal conditions.   10.2. Chemical stability   No additional information available   10.3. Possibility of hazardous reactions   None known.   10.4. Conditions to avoid   No additional information available   10.5. Incompatible materials   None under normal use. See Heading 7.   10.6. Hazardous decomposition products		: No data available
Explosive limits : No data available   9.2. Other information   No additional information available   SECTION 10: Stability and reactivity   10.1. Reactivity   10.1. Reactivity   Stable under normal conditions.   10.2. Chemical stability   No additional information available   10.3. Possibility of hazardous reactions   None known.   10.4. Conditions to avoid   No additional information available   10.5. Incompatible materials   None under normal use. See Heading 7.   10.6. Hazardous decomposition products		: No data available
No additional information available SECTION 10: Stability and reactivity 10.1. Reactivity Stable under normal conditions. 10.2. Chemical stability No additional information available 10.3. Possibility of hazardous reactions None known. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials None under normal use. See Heading 7. 10.6. Hazardous decomposition products	Explosive limits	
No additional information available SECTION 10: Stability and reactivity 10.1. Reactivity Stable under normal conditions. 10.2. Chemical stability No additional information available 10.3. Possibility of hazardous reactions None known. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials None under normal use. See Heading 7. 10.6. Hazardous decomposition products	0.2 Other information	
SECTION 10: Stability and reactivity 10.1. Reactivity Stable under normal conditions. 10.2. Chemical stability No additional information available 10.3. Possibility of hazardous reactions None known. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials None under normal use. See Heading 7. 10.6. Hazardous decomposition products		
10.1. Reactivity         Stable under normal conditions.         10.2. Chemical stability         No additional information available         10.3. Possibility of hazardous reactions         None known.         10.4. Conditions to avoid         No additional information available         10.5. Incompatible materials         None under normal use. See Heading 7.         10.6. Hazardous decomposition products		417
Stable under normal conditions.   10.2. Chemical stability   No additional information available   10.3. Possibility of hazardous reactions   None known.   10.4. Conditions to avoid   No additional information available   10.5. Incompatible materials   None under normal use. See Heading 7.   10.6. Hazardous decomposition products		.y
No additional information available          10.3.       Possibility of hazardous reactions         None known.         10.4.       Conditions to avoid         No additional information available         10.5.       Incompatible materials         None under normal use. See Heading 7.         10.6.       Hazardous decomposition products	Stable under normal conditions.	
No additional information available          10.3.       Possibility of hazardous reactions         None known.         10.4.       Conditions to avoid         No additional information available         10.5.       Incompatible materials         None under normal use. See Heading 7.         10.6.       Hazardous decomposition products	10.2 Chemical stability	
10.3.       Possibility of hazardous reactions         None known.		
None known. 10.4. Conditions to avoid No additional information available 10.5. Incompatible materials None under normal use. See Heading 7. 10.6. Hazardous decomposition products		
No additional information available          10.5.       Incompatible materials         None under normal use. See Heading 7.         10.6.       Hazardous decomposition products	None known.	2
No additional information available          10.5.       Incompatible materials         None under normal use. See Heading 7.         10.6.       Hazardous decomposition products	10.4 Conditions to avoid	
None under normal use. See Heading 7.         10.6.       Hazardous decomposition products	No additional information available	
None under normal use. See Heading 7.         10.6.       Hazardous decomposition products	10.5. Incompatible materials	
	None under normal use. See Heading 7.	
	-	cts

# Meprobamate Safety Data Sheet

Safety Data Sheet in accordance with regulation (EC) No 1907/2006, as amended.

SECTION 11: Toxicological infor	mation		
11.1. Information on toxicological eff	ects		
Acute toxicity	te toxicity : Oral: Harmful if swallowed.		
Meprobamate			
LD50 oral rat	300 - 2000 mg/kg		
Skin corrosion/irritation Serious eye damage/irritation Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity	<ul> <li>Not classified (Lack of data)</li> <li>Not classified (Lack of data)</li> <li>Not classified (Based on available data, the classification criteria are not met)</li> <li>Not classified (Lack of data)</li> <li>Not classified (Lack of data)</li> </ul>		
Reproductive toxicity STOT-single exposure	: Not classified (Further detai : May cause drowsiness or di		
STOT-repeated exposure	: Not classified (Lack of data)		
Aspiration hazard	: Not classified (Based on ava	: Not classified (Based on available data, the classification criteria are not met)	
	(to		
SECTION 12: Ecological informa	don		
12.1. Toxicity	. Droconto no organifia rial: fam	the environment	
Ecology - general	: Presents no specific risk for	the environment.	
12.2.Persistence and degradabilityNo additional information available			
12.3. Bioaccumulative potential			
No additional information available			
12.4. Mobility in soil			
No additional information available			
12.5. Results of PBT and vPvB asses	sment		
No additional information available			
12.6. Other adverse effects			
No additional information available			
SECTION 13: Disposal considera	tions		
13.1. Waste treatment methods			
No additional information available			
<b>SECTION 14: Transport informat</b>	ion		
In accordance with ADR / IATA / IMDG			
ADR	IMDG	ΙΑΤΑ	
14.1.         UN number           Not applicable         Image: Comparison of the second	Not applicable	Not applicable	
14.2. UN proper shipping name			
Not applicable	Not applicable	Not applicable	
Not applicable	Not applicable	Not applicable	
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	
Not applicable	Not applicable	Not applicable	
14.4. Packing group	Not employed	Net conficiel	
Not applicable	Not applicable	Not applicable	
14.5.Environmental hazardsNot applicable	Not applicable	Not applicable	
	No supplementary informa		
	,		

## Meprobamate

## Safety Data Sheet

Safety Data Sheet in accordance with regulation (EC) No 1907/2006, as amended.

14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

## - Air transport

Not applicable

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

## 15.1.1. EU-Regulations

No REACH Annex XVII restrictions Meprobamate is not on the REACH Candidate List Meprobamate is not on the REACH Annex XIV List

## 15.1.2. National regulations

No additional information available

## 15.2. Chemical safety assessment

No additional information available

## **SECTION 16: Other information**

## Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H302	Harmful if swallowed
H336	May cause drowsiness or dizziness

## SDS EU (REACH Annex II)

DISCLAIMER OF LIABILITY The EDQM has created this SDS as a downstream user for regulatory compliance to rules applicable to chemicals only. This article is intended only for small-volume laboratory analysis and other routine testing prescribed in the pharmacopoeia or EDQM study protocol, under controlled conditions and by professionals only. Any other use of this article or the SDS information is the sole responsibility of the user. This substance is present in articles in quantities totalling under 10 kg per year. There is no human or environmental exposure under intended and foreseeable conditions of use. The user has the responsibility for handling, storage, use conditions and disposal of this article and for any use of the information in this SDS. The information has been obtained from suppliers and is without any warranty, express or implied, regarding its correctness. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the article.