



## Safety Data Sheet according to (EC) No 1907/2006 as amended

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LOCTITE STYCAST W 67 PTB

SDS No. : 373743

V003.0

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

#### 1.1. Product identifier

LOCTITE STYCAST W 67 PTB

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

Intended use:

Encapsulant

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

Henkel AG & Co. KGaA

Henkelstr. 67

40589 Düsseldorf

Germany

Phone: +49 211 797 0

SDSinfo.Adhesive@henkel.com

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or [www.henkel-adhesives.com](http://www.henkel-adhesives.com).

#### 1.4. Emergency telephone number

The Henkel information service also provides an around-the-clock telephone service on phone no.+49-(0)211-797-3350 for exceptional cases.

### SECTION 2: Hazards identification

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

##### Classification (CLP):

Acute toxicity Category 4

H302 Harmful if swallowed.

Route of Exposure: Oral

Acute toxicity Category 3

H331 Toxic if inhaled.

Route of Exposure: Inhalation

Skin irritation Category 2

H315 Causes skin irritation.

Serious eye damage Category 1

H318 Causes serious eye damage.

Respiratory sensitizer Category 1

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin sensitizer Category 1

H317 May cause an allergic skin reaction.

**Toxic to reproduction Category 1B**

**H360D May damage the unborn child.**

#### 2.2. Label elements

##### Label elements (CLP):

**Hazard pictogram:****Contains**

1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride

Tin bis(2-ethylhexanoate)

1,2,3,6-tetrahydro-3,6-methanophthalic anhydride

**Signal word:**

Danger

**Hazard statement:**

H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H331 Toxic if inhaled.  
 H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
 H360D May damage the unborn child.

**Supplemental information**

Restricted to professional users.

**Precautionary statement:  
Prevention**

P201 Obtain special instructions before use.  
 P261 Avoid breathing vapors.  
 P280 Wear protective gloves/protective clothing.

**Precautionary statement:  
Response**

P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor.  
 P308+P313 IF exposed or concerned: Get medical advice/attention.

**2.3. Other hazards**

None if used properly.

Following substances are present in a concentration  $\geq$  the concentration limit for depiction in Section 3 and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in a concentration  $\geq$  the concentration limit for depiction in Section 3 that are assessed to be a PBT, vPvB or ED.

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

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

Hazardous components CAS-No. EC Number REACH-Reg No.	Concentration	Classification	Specific Conc. Limits, M-factors and ATEs	Add. Information
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8 246-644-8 01-2119979584-19	50- 100 %	Acute Tox. 4, Oral, H302 Acute Tox. 3, Inhalation, H331 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Resp. Sens. 1, H334	inhalation:ATE = 0,5 mg/l;dust/mist	
1,2,3,6-tetrahydro-3,6-methanophthalic anhydride 826-62-0 212-557-9	10- 20 %	Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1, H317		
Tin bis(2-ethylhexanoate) 301-10-0 206-108-6 01-2119485798-13	0,1- < 1 %	Skin Sens. 1, H317 Eye Dam. 1, H318 Repr. 1B, H360D Aquatic Chronic 3, H412		

If no ATE values are displayed, please refer to LD/LC50 values in Section 11.

For full text of the H - statements and other abbreviations see section 16 "Other information".

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation:

Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:

Rinse with running water and soap.

Obtain medical attention if irritation persists.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

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

SKIN: Rash, Urticaria.

SKIN: Redness, inflammation.

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

INGESTION: Nausea, vomiting, diarrhea, abdominal pain.

After eye contact: Corrosive, may cause permanent damage to eyes (impairment of vision).

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

See section: Description of first aid measures

## SECTION 5: Firefighting measures

**5.1. Extinguishing media****Suitable extinguishing media:**

water, carbon dioxide, foam, powder

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

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

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) can be released.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Additional information:**

In case of fire, keep containers cool with water spray.

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

Avoid contact with skin and eyes.

Wear protective equipment.

Ensure adequate ventilation.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

**6.3. Methods and material for containment and cleaning up**

Dispose of contaminated material as waste according to Section 13.

For small spills wipe up with paper towel and place in container for disposal.

For large spills absorb onto inert absorbent material and place in sealed container for disposal.

**6.4. Reference to other sections**

See advice in section 8

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

Avoid skin and eye contact.

See advice in section 8

**Hygiene measures:**

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

Good industrial hygiene practices should be observed.

**7.2. Conditions for safe storage, including any incompatibilities**

Ensure good ventilation/extraction.

Keep container tightly sealed.

Store at room temperature.

Refer to Technical Data Sheet

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

Encapsulant

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits

Valid for  
Germany

None

#### Predicted No-Effect Concentration (PNEC):

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	aqua (freshwater)		0,4 mg/l				
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	aqua (marine water)		0,04 mg/l				
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	aqua (intermittent releases)		1 mg/l				
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	sewage treatment plant (STP)		5,91 mg/l				
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	sediment (freshwater)				4,64 mg/kg		
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	sediment (marine water)				0,464 mg/kg		
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	Soil				0,694 mg/kg		
Tin bis(2-ethylhexanoate) 301-10-0	aqua (freshwater)		0,054 mg/l				
Tin bis(2-ethylhexanoate) 301-10-0	aqua (marine water)		0,0054 mg/l				
Tin bis(2-ethylhexanoate) 301-10-0	sewage treatment plant (STP)		3,99 mg/l				
Tin bis(2-ethylhexanoate) 301-10-0	sediment (freshwater)				0,417 mg/kg		
Tin bis(2-ethylhexanoate) 301-10-0	sediment (marine water)				0,042 mg/kg		
Tin bis(2-ethylhexanoate) 301-10-0	Soil				0,052 mg/kg		
Tin bis(2-ethylhexanoate) 301-10-0	Freshwater - intermittent		0,069 mg/l				
Tin bis(2-ethylhexanoate) 301-10-0	Marine water - intermittent		0,0069 mg/l				

**Derived No-Effect Level (DNEL):**

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	Workers	dermal	Long term exposure - systemic effects		0,07 mg/kg	
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	Workers	inhalation	Long term exposure - systemic effects		0,23 mg/m3	
Tin bis(2-ethylhexanoate) 301-10-0	Workers	inhalation	Long term exposure - systemic effects		0,79 mg/m3	
Tin bis(2-ethylhexanoate) 301-10-0	Workers	dermal	Long term exposure - systemic effects		0,16 mg/kg	
Tin bis(2-ethylhexanoate) 301-10-0	General population	inhalation	Long term exposure - systemic effects		0,14 mg/m3	
Tin bis(2-ethylhexanoate) 301-10-0	General population	dermal	Long term exposure - systemic effects		0,05714 mg/kg	
Tin bis(2-ethylhexanoate) 301-10-0	General population	oral	Long term exposure - systemic effects		0,05556 mg/kg	

**Biological Exposure Indices:**

None

**8.2. Exposure controls:**

Engineering controls:

Ensure good ventilation/extraction.

Respiratory protection:

Ensure adequate ventilation.

An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area

Filter type: A (EN 14387)

Hand protection:

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to &gt; 30 minutes permeation time as per EN 374):

nitrile rubber (NBR;  $\geq$  0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to &gt; 480 minutes permeation time as per EN 374):

nitrile rubber (NBR;  $\geq$  0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.

Protective eye equipment should conform to EN166.

Skin protection:

Wear suitable protective clothing.

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

## SECTION 9: Physical and chemical properties

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

Delivery form	paste
Colour	yellow
Odor	mild
Physical state	liquid
Melting point	Not applicable, Product is a liquid
Solidification temperature	< 10 °C (< 50 °F)
Initial boiling point	> 200 °C (> 392 °F)
Flammability	Not applicable
	Non flammable product (flash point is greater than 93°C)
Explosive limits	Not applicable, The product is not flammable.
Flash point	> 100 °C (> 212 °F)
Auto-ignition temperature	Not applicable, The product is not flammable.
Decomposition temperature	> 100 °C (> 212 °F);
pH	Not applicable, Product is non-soluble (in water).
Viscosity (kinematic) (40 °C (104 °F); )	> 20 mm <sup>2</sup> /s
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Insoluble
Partition coefficient: n-octanol/water	Not applicable
Vapour pressure (20 °C (68 °F))	Mixture < 1 hPa
Density (20 °C (68 °F))	1,23 g/cm <sup>3</sup> None
Relative vapour density: (20 °C)	> 1
Particle characteristics	Not applicable Product is a liquid

### 9.2. Other information

Other information not applicable for this product

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts with strong oxidants.  
Reaction with strong acids.

### 10.2. Chemical stability

Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

See section reactivity

### 10.4. Conditions to avoid

Stable under normal conditions of storage and use.

### 10.5. Incompatible materials

See section reactivity.

### 10.6. Hazardous decomposition products

carbon oxides.

## SECTION 11: Toxicological information

### General toxicological information:

The mixture is classified based on the available hazard information for the ingredients as defined in the classification criteria for mixtures for each hazard class or differentiation in Annex I to Regulation (EC) No 1272/2008. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

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

#### Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
1,2,3,6-Tetrahydromethyl- 3,6-methanophthalic anhydride 25134-21-8	LD50	914 mg/kg	rat	not specified
Tin bis(2-ethylhexanoate) 301-10-0	LD50	3.400 mg/kg	rat	not specified

#### Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
1,2,3,6-Tetrahydromethyl- 3,6-methanophthalic anhydride 25134-21-8	LD50	4.920 mg/kg	rat	equivalent or similar to OECD Guideline 402 (Acute Dermal Toxicity)
Tin bis(2-ethylhexanoate) 301-10-0	LD50	> 2.000 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)

#### Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
1,2,3,6-Tetrahydromethyl- 3,6-methanophthalic anhydride 25134-21-8	Acute toxicity estimate (ATE)	0,5 mg/l	dust/mist			Expert judgement
1,2,3,6-Tetrahydromethyl- 3,6-methanophthalic anhydride 25134-21-8	LC50	< 0,75 mg/l	dust/mist	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

#### Skin corrosion/irritation:

Causes skin irritation.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
1,2,3,6-Tetrahydromethyl- 3,6-methanophthalic anhydride 25134-21-8	irritating		rabbit	not specified
Tin bis(2-ethylhexanoate) 301-10-0	slightly irritating	24 h	rabbit	Draize Test



**Serious eye damage/irritation:**

Causes serious eye damage.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
1,2,3,6-Tetrahydromethyl- 3,6-methanophthalic anhydride 25134-21-8	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Tin bis(2-ethylhexanoate) 301-10-0	highly irritating		rabbit	equivalent or similar to OECD Guideline 405 (Acute Eye Irritation / Corrosion)

**Respiratory or skin sensitization:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Tin bis(2-ethylhexanoate) 301-10-0	sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

**Germ cell mutagenicity:**

No data available.

**Carcinogenicity**

No data available.

**Reproductive toxicity:**

No data available.

**STOT-single exposure:**

No data available.

**STOT-repeated exposure:**

No data available.

**Aspiration hazard:**

No data available.

**11.2 Information on other hazards**

not applicable

## SECTION 12: Ecological information

### General ecological information:

Do not empty into drains / surface water / ground water.

### 12.1. Toxicity

#### Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	LC50	313 mg/l	48 h	Leuciscus idus	DIN 38412-15
Tin bis(2-ethylhexanoate) 301-10-0	LC50	111 mg/l	96 h	not specified	OECD Guideline 203 (Fish, Acute Toxicity Test)

#### Toxicity (aquatic invertebrates):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	EC50	> 100 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Tin bis(2-ethylhexanoate) 301-10-0	EC50	60 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

#### Chronic toxicity (aquatic invertebrates):

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Tin bis(2-ethylhexanoate) 301-10-0	NOEC	18 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

#### Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	EC50	> 100 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	NOEC	66,7 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Tin bis(2-ethylhexanoate) 301-10-0	EC50	6,9 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Tin bis(2-ethylhexanoate) 301-10-0	NOEC	0,54 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)

#### Toxicity (microorganisms):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	EC 50	> 1.000 mg/l	3 h		ISO 8192 (Test for Inhibition of Oxygen Consumption by Activated Sludge)

## 12.2. Persistence and degradability

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	not readily biodegradable.	aerobic	0 %	28 day	OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))
Tin bis(2-ethylhexanoate) 301-10-0	inherently biodegradable	aerobic	> 70 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Tin bis(2-ethylhexanoate) 301-10-0	readily biodegradable	aerobic	83 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

## 12.3. Bioaccumulative potential

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	Bioconcentration factor (BCF)	Exposure time	Temperature	Species	Method
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	> 3,9 - < 5,5	42 d		Cyprinus carpio	OECD Guideline 305 C (Bioaccumulation: Test for the Degree of Bioconcentration in Fish)

**12.4. Mobility in soil**

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	LogPow	Temperature	Method
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	1,7	40 °C	EPA OPPTS 830.7570 (Partition Coefficient, n-octanol / H <sub>2</sub> O, Estimation by Liquid Chromatography)
Tin bis(2-ethylhexanoate) 301-10-0	2,52		EU Method A.8 (Partition Coefficient)

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

The table below presents the data of the classified substances present in the mixture.

Hazardous substances CAS-No.	PBT / vPvB
1,2,3,6-Tetrahydromethyl-3,6-methanophthalic anhydride 25134-21-8	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Tin bis(2-ethylhexanoate) 301-10-0	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

**12.6. Endocrine disrupting properties**

not applicable

**12.7. Other adverse effects**

No data available.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

Product disposal:

Do not empty into drains / surface water / ground water.

Dispose of in accordance with local and national regulations.

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Waste code

08 04 09\* waste adhesives and sealants containing organic solvents and other dangerous substances

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

## SECTION 14: Transport information

### 14.1. UN number or ID number

ADR	2810
RID	2810
ADN	2810
IMDG	2810
IATA	2810

### 14.2. UN proper shipping name

ADR	TOXIC LIQUID, ORGANIC, N.O.S. (Methyl norborneno dicarboxylic anhydride)
RID	TOXIC LIQUID, ORGANIC, N.O.S. (Methyl norborneno dicarboxylic anhydride)
ADN	TOXIC LIQUID, ORGANIC, N.O.S. (Methyl norborneno dicarboxylic anhydride)
IMDG	TOXIC LIQUID, ORGANIC, N.O.S. (Methyl norborneno dicarboxylic anhydride)
IATA	Toxic liquid, organic, n.o.s. (Methyl norborneno dicarboxylic anhydride)

### 14.3. Transport hazard class(es)

ADR	6.1
RID	6.1
ADN	6.1
IMDG	6.1
IATA	6.1

### 14.4. Packing group

ADR	III
RID	III
ADN	III
IMDG	III
IATA	III

### 14.5. Environmental hazards

ADR	not applicable
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

### 14.6. Special precautions for user

ADR	not applicable Tunnelcode: (E)
RID	not applicable
ADN	not applicable
IMDG	not applicable
IATA	not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

not applicable

## SECTION 15: Regulatory information

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

Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009):	Not applicable
Prior Informed Consent (PIC) (Regulation (EU) No 649/2012):	Not applicable
Persistent organic pollutants (Regulation (EU) 2019/1021):	Not applicable
VOC content (2010/75/EC)	< 3 %

**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

**National regulations/information (Germany):**

WGK:	WGK 3: highly hazardous to water (Ordinance on facilities for handling substances that are hazardous to water (AwSV) ) Classification according to AwSV, Annex 1 (5.2)
Storage class according to TRGS 510:	6.1D
General remarks (DE):	This product is in scope of the German regulation "ChemikalienVerbotsVerordnung"

**SECTION 16: Other information**

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H331 Toxic if inhaled.  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H360D May damage the unborn child.  
H412 Harmful to aquatic life with long lasting effects.

ED:	Substance identified as having endocrine disrupting properties
EU OEL:	Substance with a Union workplace exposure limit
EU EXPLD 1:	Substance listed in Annex I, Reg (EC) No. 2019/1148
EU EXPLD 2	Substance listed in Annex II, Reg (EC) No. 2019/1148
SVHC:	Substance of very high concern (REACH Candidate List)
PBT:	Substance fulfilling persistent, bioaccumulative and toxic criteria
PBT/vPvB:	Substance fulfilling persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative criteria
vPvB:	Substance fulfilling very persistent and very bioaccumulative criteria

**Further information:**

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