

Date of print: 28.07.2015  
Version: 1.1

Nytorq  
Beschichtung

Revision date: 13.05.2015  
Date of issue: 30.03.2015

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## 1. Identification of the substance/ preparation and of the company/ undertaking

### 1.1. Product identifiers:

Identification of the substance or preparation Nytorq Beschichtung

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

#### Relevant identified uses:

Coating

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

#### Supplier (manufacturer/importer/only representative/downstream user/distributor)

#### Dept. responsible for information:

Technik +49 89 1433810  
E-mail (competent person): contact@omnitechnik.com

### 1.4. Emergency telephone number

Emergency telephone: +49 89 1433810  
Only available during office hours.

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to EC regulation 1272/2008 (CLP):

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

Acute Tox. 4 / H302	Acute toxicity (oral):	Harmful if swallowed.
Skin Irrit. 2 / H315	Skin corrosion/irritation:	Causes skin irritation.
Eye Dam. 1 / H318	Serious eye damage/eye irritation:	Causes serious eye damage..
STOT SE 3 / H335	Specific target organ toxicity (single exposure):	May cause respiratory irritation.

#### Classification according to Directive 67/548/EEC or 1999/45/EC

This preparation is not classified as dangerous according to 1999/45/EC.

### 2.2. Label elements

#### Labelling (CLP)

#### Hazard pictograms



**Danger**

#### Hazard statements:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage..
H335	May cause respiratory irritation.

#### Safety precautions:

P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P332 + P313	If skin irritation occurs: Get medical advice/attention.

#### contains:

triethanolamine

#### Supplemental Hazard information (EU):

n.a.

#### Labelling (67/548/EEC or 1999/45/EC)

#### Hazard statements:

n.a.

#### Safety precautions:

n.a.

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**contains:**

n.a.

**Special provisions concerning the labelling of certain mixtures**

n.a.

2.3. **Other hazards**

**3. Composition/ Information on ingredients**

3.2. **Mixtures**

**chemical characterization (preparation)**

**Description:** Mixture of substances listed below with non hazardous additions.

**Hazardous ingredients:**

**Classification according to EC regulation 1272/2008 (CLP):**

EC No:	REACH No:	% by weight
CAS No.:	Chemical name:	Remark:
INDEX no.:	classification:	
203-049-8		25 - 50
102-71-6	triethanolamine Acute Tox. 4 H332 / Acute Tox. 4 H312 / Acute Tox. 4 H302 / Eye Irrit. 2 H319 / STOT SE 3 H335 / Skin Irrit. 2 H315	

**Classification according to Directive 67/548/EEC or 1999/45/EC**

EC No:	REACH No:	% by weight
CAS No.:	Identification of the hazard:	Remark:
INDEX no.:	classification:	

n.a.

**Additional information**

Full text of R-phrases: see section 16.

Full text of H-phrases: see section 16.

**4. First-aid measures**

4.1. **Description of first aid measures:**

**General information:**

No special measures are required.

**In case of skin contact:**

No special measures are required.

**In case of eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice.

**After ingestion:**

If swallowed, rinse mouth with water (only if the person is conscious). Consult physician immediately. Keep victim calm. Do not induce vomiting.

4.2. **Most important symptoms and effects, both acute and delayed:**

In all cases of doubt, or when symptoms persist, seek medical advice.

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

**5. Firefighting measures**

5.1. **Extinguishing media**

**Suitable extinguishing media:**

Alcohol resistant foam, Carbon dioxide, Powder, spray mist, (water)

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

Strong water jet

5.2. **Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:**

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Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

**5.3. Special protective equipment for firefighters:**

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

**6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

No special measures are required.

**6.2. Environmental measures**

No special measures are required.

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

Take up mechanically.

**6.4. Reference to other sections**

Observe protective provisions (see chapter 7 and 8).

**7. Handling and storage**

**7.1. Precautions for safe handling**

**Advices on safe handling**

No special measures are required.

**Precautions against fire and explosion:**

No special measures are required.

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

**Technical measures and storage conditions**

No special measures are required.

**Requirements for storerooms and containers:**

No special measures are required.

**Hints on joint storage**

No special measures are required.

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

Observe technical data sheet. Observe instructions for use.

**8. Exposure controls / Personal protection**

**8.1. Control parameters**

EC No:	Description:	type:	Limit value	Unit
CAS No.:			STEL (EC) TWA (EC)	
-				

**Additional information**

TWA (EC): Occupational exposure limit value  
 STEL (EC): Short-term occupational exposure limit value

**8.2. Exposure controls**

**Occupational exposure controls:**

**Respiratory protection:**

No special measures are required.

**Hand protection:**

No special measures are required.

**Eye protection:**

No special measures are required.

**Protective measures:**

After contact clean skin thoroughly with water and soap oder use appropriate cleanser.

**Environmental exposure controls**

Do not allow to enter into surface water or drains. refer to chapter 7. No further action is necessary.

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## 9. Physical and chemical properties

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

**Appearance:**

**Physical state:** solid  
**Colour:** refer to label  
**Odour:** characteristic

**Safety relevant basis data**

	Unit	Method	Remark:
Flash point (°C):	n.a.		
Ignition temperature (AIT):	n.a.		
Vapour pressure at 20 °C:	n.a.		
Water solubility (g/l):	insoluble		
pH at 20 °C:	-		
Viscosity at °C	solid		

### 9.2. Other information:

## 10. Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

## 11. Toxicological information

No data on preparation itself available.

### 11.1. Information on toxicological effects

**Acute toxicity**

Toxicological data are not available.

**Irritant and corrosive effects**

Toxicological data are not available.

**Sensitisation**

Toxicological data are not available.

**Specific target organ toxicity**

Toxicological data are not available.

**Aspiration hazard:**

Toxicological data are not available.

**Overall Assessment on CMR properties:**

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

There is no information available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified according to the toxicological dangers. See chapters 2 and 15 for details.

## 12. Ecological information

**Overall evaluation:**

There is no information available on the preparation itself.  
Do not allow to enter into surface water or drains.

### 12.1. Toxicity

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No information available.

**Long-term Ecotoxicity**

Toxicological data are not available.

**12.2. Persistence and degradability**

Toxicological data are not available.

**12.3. Bioaccumulative potential**

Toxicological data are not available.

**Bioconcentration factor (BCF):**

Toxicological data are not available.

**12.4. Mobility in soil**

Toxicological data are not available.

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

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**12.6. Other adverse effects**

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

**13. Disposal considerations**

**13.1. Waste treatment methods**

**Appropriate disposal / Product**

**Recommendation:**

Do not allow to enter into surface water or drains. Take up mechanically, placing in appropriate containers for disposal.

**Contaminated packaging:**

**Recommendation:**

Cleaned containers may be recycled.

**14. Transport information**

**No dangerous good in sense of these transport regulations.**

**14.1. UN-No.:**

n.a.

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

n.a.

**14.4. Packing Group:**

n.a.

**14.5. Environmental hazards:**

Land transport (ADR/RID)

n.a.

Marine pollutant:

n.a.

**14.6. Environmental hazards**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

**Further remarks:**

**Land transport (ADR/RID)**

Tunnel restriction code:

-

**Sea transport (IMDG)**

EmS-No.:

n.a.

**14.7. Special precautions for user**

**Safety Data Sheet**  
according to Regulation (EC) No. 1907/2006 (REACH)  
according to Regulation (EU) No 453/2010

**precote**<sup>®</sup>

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not applicable

**15. Regulatory information**

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

**EU legislation**

**Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).**

VOC-value (in g/l) ISO 11890-2: 0,000  
VOC-value (in g/l) ASTM D 2369: 0,000

**National regulations**

**15.2. Chemical Safety Assessment**

Chemical safety assessments for substances in this preparation were not carried out.

**16. Other information**

**Relevant R-and H-phrases (Number and full text):**

Acute Tox. 4 / H332	Acute toxicity (inhalative):	Harmful if inhaled.
Acute Tox. 4 / H312	Acute toxicity (dermal):	Harmful in contact with skin.
Acute Tox. 4 / H302	Acute toxicity (oral):	Harmful if swallowed.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation:	Causes serious eye irritation.
STOT SE 3 / H335	Specific target organ toxicity (single exposure):	May cause respiratory irritation.
Skin Irrit. 2 / H315	Skin corrosion/irritation:	Causes skin irritation.
n.a.		

**Further remarks:**

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.