

**Nano Wheel Rim Sealant**

Revision date: 22.08.2016

Product code: 215

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

surface-modifier/surface coating

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

Company name:	CTP GmbH	
Street:	Saalfelder Strasse 35h	
Place:	D-07338 Leutenberg	
Telephone:	+49 (0)36734 230-0	Telefax: +49 (0)36734 230-22
e-mail:	msds@bluechemgroup.com	
Contact person:	Jens Moeller, Dipl.-Chem.	Telephone: +49 (0)36734 230-19
Internet:	www.bluechemgroup.com	

**1.4. Emergency telephone number:**

For Germany: +49-361-730730 (24 hours/7 days)

**Further Information**

Article Number: 21147, 21183, 21188, 21169

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Flammable liquid: Flam. Liq. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Highly flammable liquid and vapour.

Causes serious eye irritation.

May cause drowsiness or dizziness.

**2.2. Label elements****Regulation (EC) No. 1272/2008****Hazard components for labelling**

propan-2-ol; isopropyl alcohol; isopropanol

**Signal word:** Danger**Pictograms:****Hazard statements**

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

**Precautionary statements**

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.

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P233	Keep container tightly closed.
P271	Use only outdoors or in a well-ventilated area.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of this material and its container to hazardous or special waste collection point.

**2.3. Other hazards**

No information available.

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

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			80 - < 85 %
	200-661-7		01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			

Full text of H and EUH statements: see section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated, saturated clothing immediately.

**After inhalation**

Following inhalation: Move victim to fresh air. Consult physician.

**After contact with skin**After contact with skin, wash immediately with plenty of water and soap.  
Consult physician.**After contact with eyes**

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

**After ingestion**Rinse mouth thoroughly with water. Let water be drunken in little sips (dilution effect).  
Consult physician.**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**After ingestion of absorption substances:  
Give activated carbon, in order to reduce the resorption in the gastro-enteric tract.**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Water fog.  
alcohol resistant foam.  
Carbon dioxide (CO<sub>2</sub>).  
Extinguishing powder.

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

Cool endangered container in case of fire.  
Heating causes rise in pressure with risk of bursting.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

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

Wear personal protection equipment.  
Provide adequate ventilation.

**6.2. Environmental precautions**

Do not empty into drains or the aquatic environment.

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

Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Collect in closed containers for disposal.

**6.4. Reference to other sections**

No data

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

Provide adequate ventilation.  
Avoid contact with skin and eyes.

**Advice on protection against fire and explosion**

Take precautionary measures against static discharges. Keep away from sources of ignition. - No smoking.  
Use explosion-proof machinery, apparatus, ventilation facilities, tools etc.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place. Keep away from moisture.

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

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

**8.2. Exposure controls****Protective and hygiene measures**

Provide adequate ventilation.  
Do not breathe gas/fumes/vapour/spray.  
Avoid contact with skin and eyes.  
Remove contaminated, saturated clothing immediately.  
When using do not eat, drink or smoke.  
Protect skin by using skin protective cream.

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**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

Suitable material: Butyl rubber. FKM (Fluoroelastomer (Viton)).

Material thickness: 0.4 – 0.5 mm

penetration time  $\geq$  480 min For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.**Respiratory protection**

Respiratory protection necessary at: exceeding exposure limit values aerosol or mist generation.

Wear suitable breathing apparatus (filter typ ABEK).

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless
Odour:	alcoholic

pH-Value (at 0 °C):	< 2,0 (500 g/l)	<b>Test method</b>
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**Changes in the physical state**

Initial boiling point and boiling range:	82 °C
Flash point:	< 21 °C DIN 51755
Lower explosion limits:	2 vol. %
Upper explosion limits:	12 vol. %
Ignition temperature:	425 °C DIN 51794
Vapour pressure: (at 20 °C)	42 hPa
Density (at 20 °C):	0,8 g/cm <sup>3</sup> DIN 51757
Water solubility:	miscible.
Viscosity / dynamic: (at 20 °C)	2 mPa·s DIN 53015

**9.2. Other information**

No data

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No information available.

**10.2. Chemical stability**

No decomposition when used as intended.

**10.3. Possibility of hazardous reactions**

No dangerous reactions are known.

**10.4. Conditions to avoid**

No information available.

**10.5. Incompatible materials**

No information available.

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**10.6. Hazardous decomposition products**

none  
 thermal decomposition: standard pressure decomposition distillable  
 Reacts violently with: Oxidizing agents, strong.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**

Vapours may cause drowsiness and dizziness.

CAS No	Chemical name				
	Exposure route	Dose		Species	Source
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50	5280 mg/kg	Rat	
	dermal	LD50	12800 mg/kg	Rabbit	
	inhalative (4 h) vapour	LC50	47,5 mg/l	Rat	

**Irritation and corrosivity**

Frequently or prolonged contact with skin may cause dermal irritation.  
 Irritation of eyes: Irritant effect possible.

**SECTION 12: Ecological information**

**12.1. Toxicity**

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h]   [d]	Species	Source
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	Acute fish toxicity	LC50	9640 mg/l	96 h	Pimephales promelas
	Acute algae toxicity	ErC50	1000 mg/l	72 h	Algae
	Acute crustacea toxicity	EC50	13299 mg/l	48 h	Daphnia magna

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

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

No information available.

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Advice on disposal**

Carry out a burning of hazardous waste according to official regulations.  
 For this product, the waste identity number according to the European waste catalogue can not be defined because the designated use by the consumer allows the classification first.  
 Arrange about the exact waste code with the local waste disposal expert.

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**SECTION 14: Transport information****Land transport (ADR/RID)**

**14.1. UN number:** UN 1219  
**14.2. UN proper shipping name:** ISOPROPANOL (ISOPROPYL ALCOHOL)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
Hazard label: 3



Classification code: F1  
Special Provisions: 601  
Limited quantity: 1 L  
Excepted quantity: E2  
Transport category: 2  
Hazard No: 33  
Tunnel restriction code: D/E

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 1219  
**14.2. UN proper shipping name:** ISOPROPANOL (ISOPROPYL ALCOHOL)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
Hazard label: 3



Classification code: F1  
Special Provisions: 601  
Limited quantity: 1 L  
Excepted quantity: E2

**Marine transport (IMDG)**

**14.1. UN number:** UN 1219  
**14.2. UN proper shipping name:** ISOPROPANOL (ISOPROPYL ALCOHOL)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
Hazard label: 3



Marine pollutant: -  
Special Provisions: -  
Limited quantity: 1 L  
Excepted quantity: E2  
EmS: F-E, S-D

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number:** UN 1219

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**14.2. UN proper shipping name:** ISOPROPANOL (ISOPROPYL ALCOHOL)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
Hazard label: 3



Special Provisions: A180  
Limited quantity Passenger: 1 L  
Passenger LQ: Y341  
Excepted quantity: E2  
IATA-packing instructions - Passenger: 353  
IATA-max. quantity - Passenger: 5 L  
IATA-packing instructions - Cargo: 364  
IATA-max. quantity - Cargo: 60 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No information available.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

**15.2. Chemical safety assessment**

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

**SECTION 16: Other information****Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.

**Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*