

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Triacid-N r.f.u**

Revision date: 18.05.2021

Product code: ANTI032

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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**

Disinfection of medical instruments and laboratory equipment  
For professional use.

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

Company name:	ANTISEPTICA Dr. Hans Joachim Molitor GmbH		
Street:	Carl-Friedrich-Gauß-Straße 7		
Place:	D-50259 Pulheim/Brauweiler		
Telephone:	++49 (0)2234 /98466-0	Telefax:	++49 (0)2234 / 98466-11
e-mail:	sdb@antiseptica.com		
Contact person:	Scientific Technical Department	Telephone:	++49 (0)2234 / 98466-27
e-mail:	sdb@antiseptica.com		
Internet:	www.antiseptica.com		

**1.4. Emergency telephone number:**

Giftinformationszentrum NORD Universität Göttingen, giznord@giz-nord.de  
Telephone: ++49 (0)551 / 1 92 40

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

Hazard categories:

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Very toxic to aquatic life.

Harmful to aquatic life with long lasting effects.

**2.2. Label elements****Regulation (EC) No. 1272/2008**

Signal word: Warning

Pictograms:

**Hazard statements**

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container to der Entsorgung.

**2.3. Other hazards**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

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

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**Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
90640-43-0	N-C12,14 alkyl-1,3-diaminopropane			0.1 - < 1 %
	292-562-0			
	Acute Tox. 3, Skin Corr. 1B, STOT RE 1, Aquatic Acute 1, Aquatic Chronic 1; H301 H314 H372 H400 H410			

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

**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
90640-43-0	292-562-0	N-C12,14 alkyl-1,3-diaminopropane	0.1 - < 1 %
	oral: LD50 = 200 mg/kg M akut; H400: M=100		

**Labelling for contents according to Regulation (EC) No 648/2004**

disinfectants, &lt; 5 % non-ionic surfactants, perfumes.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After inhalation**

not applicable

**After contact with skin**

Remove contaminated, saturated clothing immediately.  
After contact with skin, wash immediately with plenty of water.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

**After ingestion**

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Call a physician in any case!

**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**

No information available.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing powder, alcohol resistant foam  
Water spray jet,  
Carbon dioxide

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

In case of fire dangerous vapors / gases can be released  
In case of fire: Carbon monoxide, Carbon dioxide,

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**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****General measures**

No special measures are necessary.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

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

Wipe up with absorbent material (eg. cloth, fleece). Suitable material for taking up: Universal binder, Sand.

Provide adequate ventilation.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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

Use only in well-ventilated areas.

**Further information on handling**

Wash hands before breaks and after work. Keep away from food, drink and animal feedingstuffs. Avoid contact with eyes.

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

Keep only in the original container in a cool, well-ventilated place. Avoid: frost.

Keep out of the reach of children. Keep locked up and out of reach of children.

**Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

**Further information on storage conditions**

Protect from sunlight.

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

We have no knowledge of specific end uses.

**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
128-37-0	2,6-Di-tert-butyl-p-cresol	-	10		TWA (8 h)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

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**DNEL/DMEL values**

CAS No	Substance	Exposure route	Effect	Value
67-63-0	propan-2-ol; isopropanol			
Worker DNEL, long-term		inhalation	systemic	500 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	888 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day

**PNEC values**

CAS No	Substance	Value
67-63-0	propan-2-ol; isopropanol	
Freshwater		140.9 mg/l
Marine water		140.9 mg/l
Freshwater sediment		552 mg/l
Marine sediment		552 mg/l
Micro-organisms in sewage treatment plants (STP)		2251 mg/l
Soil		28 mg/l

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

Keep away from food, drink and animal feedingstuffs.  
Wash hands before breaks and after work.  
Avoid contact with skin, eyes and clothes.

**Eye/face protection**

Eye protection: not required.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. Chemical protective gloves must specifically chosen for each workplace depending on the concentration and amount of hazardous substances, temperature and contact time.

Recommendation: Butyl caoutchouc (butyl rubber) / NBR (Nitrile rubber).

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.

To prevent skin irritation in the professional field - regardless of actual contact with disinfectants - it is recommended to use: • a fast absorbing skin care cream in between if necessary. • a greasy cream after washing at the end of work or before breaks.

**Respiratory protection**

Not required with good ventilation.

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

Physical state: liquid  
Colour: colourless  
Odour: characteristic

**Test method**

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pH-Value (at 20 °C): approx. 8

**Changes in the physical state**

Melting point: not determined

Boiling point or initial boiling point and boiling range: not determined

Flash point: &gt; 60 °C DIN 51755

**Flammability**

Solid/liquid: not applicable

Gas: not applicable

Lower explosion limits: not determined

Upper explosion limits: not determined

**Self-ignition temperature**

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

Vapour pressure: not determined

Density: approx. 1 g/cm<sup>3</sup>

Water solubility: easily soluble

Partition coefficient n-octanol/water: not applicable

Relative vapour density: not determined

Evaporation rate: not determined

**9.2. Other information****SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**10.4. Conditions to avoid**

Safe handling: see section 7

**10.5. Incompatible materials**

Incompatible materials: anionic surfactants

**10.6. Hazardous decomposition products**

The product is chemically stable under recommended conditions of storage, use and temperature.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

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**Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
90640-43-0	N-C12,14 alkyl-1,3-diaminopropane				
	oral	LD50 200 mg/kg	Rat		OECD 423

**Irritation and corrosivity**

N-C12,14 alkyl-1,3-diaminopropane

In case of skin contact: OECD 404 Rabbit - strongly corrosive.

**STOT-repeated exposure**

N-C12,14 alkyl-1,3-diaminopropane

OECD 408 (Repeated Dose - Oral Toxicity Study) Rat oral

NOAEL 0.4mg/kg

**SECTION 12: Ecological information****12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
90640-43-0	N-C12,14 alkyl-1,3-diaminopropane					
	Acute fish toxicity	LC50 0.148 mg/l	96 h	Danio rerio (zebra-fish)	By analogy.	OECD 203
	Algae toxicity	NOEC 0.0652 mg/l	72 d	Pseudokirchneriella subcapitata		OECD 201
	Crustacea toxicity	NOEC 0.032 mg/l	21 d	Daphnia magna (Big water flea)	By analogy.	OECD 211
	Acute bacteria toxicity	(68 mg/l)		Activated sludge	By analogy.	OECD 209

**12.2. Persistence and degradability**

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
90640-43-0	N-C12,14 alkyl-1,3-diaminopropane			
	OECD 301D	62%	28	By analogy.
	Readily biodegradable (according to OECD criteria).			
	OECD 303A	99.4		By analogy.
	Chemical oxygen demand (COD)	2408 mg/g		

**12.3. Bioaccumulative potential**

The product has not been tested.

**12.4. Mobility in soil**

The product has not been tested.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.7. Other adverse effects**

hazardous to water (WGK 2)

**Further information**

Avoid release to the environment.

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**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**List of Wastes Code - residues/unused products**

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

**List of Wastes Code - contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging**

Completely emptied packages can be recycled.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number:**

UN 3082

**14.2. UN proper shipping name:**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(N-Didecylpropan-1,3-diamin)**14.3. Transport hazard class(es):**

9

**14.4. Packing group:**

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

Transport category:

3

Hazard No:

90

Tunnel restriction code:

-

**Inland waterways transport (ADN)****14.1. UN number:**

UN 3082

**14.2. UN proper shipping name:**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(N-Didecylpropan-1,3-diamin)**14.3. Transport hazard class(es):**

9

**14.4. Packing group:**

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274 335 375 601

Limited quantity:

5 L

Excepted quantity:

E1

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**Marine transport (IMDG)****14.1. UN number:**

UN 3082

**14.2. UN proper shipping name:**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (N-Didecylpropan-1,3-diamin)

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

9

**14.4. Packing group:**

III

Hazard label:

9



Special Provisions:

274, 335, 969

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-A, S-F

**Air transport (ICAO-TI/IATA-DGR)****14.1. UN number:**

UN 3082

**14.2. UN proper shipping name:**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (N-Didecylpropan-1,3-diamin)

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

9

**14.4. Packing group:**

III

Hazard label:

9



Special Provisions:

A97 A158 A197 A215

Limited quantity Passenger:

30 kg G

Passenger LQ:

Y964

Excepted quantity:

E1

IATA-packing instructions - Passenger:

964

IATA-max. quantity - Passenger:

450 L

IATA-packing instructions - Cargo:

964

IATA-max. quantity - Cargo:

450 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS:

Yes

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

Restrictions on use (REACH, annex XVII):

Entry 3

**Additional information**

To follow:

Regulation (EC) No. 648/2004 (Detergents regulation)

Classification according to Regulation (EC) No 1272/2008 [CLP]



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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)  
Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D): 2 - obviously hazardous to water

**SECTION 16: Other information****Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Aquatic Acute 1; H400	Calculation method
Aquatic Chronic 3; H412	Calculation method

**Relevant H and EUH statements (number and full text)**

H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H372	Causes damage to organs (...) through prolonged or repeated exposure if swallowed.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

**Further Information**

The data contained in this safety data sheet is based on our current knowledge and experience and describe the product with regard to safety requirements. The information should not be regarded in any way as a description of the product's properties (product specification). Agreed characteristics nor the suitability of the product for a specific purpose can not be derived from the information in the SDS. We will advise you as to whether and under what circumstances, the preparation is suitable for a defined purpose. Proprietary rights and existing laws and regulations must be respected by the receiver of our product.

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