

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**TRIACID - N INSTRUMENT DISINFECTION**

Print date: 01.03.2012

Product code: 1129

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

TRIACID - N INSTRUMENT DISINFECTION

**Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**Disinfectant for instruments  
Medical device**Details of the supplier of the safety data sheet**

Company name:	Antiseptica chem.pharm. Produkte GmbH		
Street:	Carl-Friedrich-Gauss-Straße 7		
Place:	D-50259 Pulheim-Brauweiler		
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e-mail:	sdb@antiseptica.com		
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**Emergency telephone:** +49 (0)551/1 92 40**Further Information**

The statements made in relation to the physical-chemical properties are not suited for the formulation of specifications.

**SECTION 2: Hazards identification****Classification of the substance or mixture**

Indications of danger : Corrosive, Harmful, Dangerous for the environment

R-phrases:

Flammable.

Harmful if swallowed.

Causes burns.

Very toxic to aquatic organisms.

**Label elements**

Danger symbols:

C - Corrosive; N - Dangerous for the environment



C - Corrosive



N - Dangerous for the environment

**Hazardous components which must be listed on the label**

N-Dodecylpropane-1,3-diamine

**R phrases**

10	Flammable.
22	Harmful if swallowed.
34	Causes burns.
50	Very toxic to aquatic organisms.

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**S phrases**

- 23 Do not breathe Vapour, aerosol .  
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
 60 This material and its container must be disposed of as hazardous waste.  
 61 Avoid release to the environment. Refer to special instructions / Safety data sheets.  
 37/39 Wear suitable gloves and eye/face protection.

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

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
226-902-6	N-Dodecylpropane-1,3-diamine	
5538-95-4	C, Xn, N R22-35-50	15 - 20 %
200-661-7	propan-2-ol	10 - 15 %
67-63-0	F, Xi R11-36-67	
603-117-00-0	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	
	isotridecanol, ethoxylated	
69011-36-5	Xn R22-41	5 - 10 %

Full text of R- and H-phrases: see section 16.

**Further Information**

Ingredients according to Detergent Directive 648/2004 EG:  
 >5 - <10 % non-ionic detergent  
 contains disinfectant and perfumes

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

Take off all contaminated clothing immediately.

**After inhalation**

In the case of inhalation of aerosol/mist consult a physician if necessary.

**After contact with skin**

Wash off immediately with soap and plenty of water.

**After contact with eyes**

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**After ingestion**

Clean mouth with water and drink afterwards plenty of water. Consult a physician for severe cases. Do not induce vomiting without medical advice.

**SECTION 5: Firefighting measures****Extinguishing media**

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**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

High volume water jet

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

Burning produces irritant fumes.

**Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus.

**Additional information**

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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

Use personal protective equipment.

**Environmental precautions**

Do not allow material to contaminate ground water system.

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

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**Reference to other sections**

Small amounts: Wipe up with absorbent material (e.g. cloth, fleece).

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

Handle and open container with care.

**Advice on protection against fire and explosion**

Vapours may form explosive mixtures with air.

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

Keep containers tightly closed in a cool, well-ventilated place.

**Advice on storage compatibility**

Keep away from food, drink and animal feedingstuffs.

**Further information on storage conditions**

Keep away from heat.

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

CAS No	Chemical name	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
67-63-0	propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

**Exposure controls****Occupational exposure controls**

Components with workplace control parameters

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**Protective and hygiene measures**

General industrial hygiene practice.

**Respiratory protection**

No personal respiratory protective equipment normally required. Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust). Combination filter: B-P 2

**Hand protection**

Long sleeve gloves Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Unsuitable material : Natural Rubber, PVA

**Eye protection**

Safety glasses with side-shields

**Skin protection**

Lab coat

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

Physical state:	liquid
Colour:	light yellow
Odour:	mild aromatic

**Test method**

pH-Value (at 20 °C): approx. 9

**Changes in the physical state**

Boiling point: approx. 100 °C

Flash point: 32 °C DIN 51755

Vapour pressure: 23 hPa calcul.  
(at 20 °C)

Density (at 20 °C): approx. 1 g/cm<sup>3</sup>

Water solubility: completely miscible

**SECTION 10: Stability and reactivity****Conditions to avoid**

Direct sources of heat.

**Incompatible materials**

Anionic surfactants

**Hazardous decomposition products**

Ammonia gas may be liberated at high temperatures.

**SECTION 11: Toxicological information****Information on toxicological effects****Acute toxicity**

LD50/oral/rat = approx. 3.100 mg/kg (Information given is based on data on the components and the toxicology of similar products. ADR 2.2.61.1.10.2)

**Specific effects in experiment on an animal**

No data is available on the product itself.

**Irritation and corrosivity**

Causes skin and eye burns.

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**Sensitising effects**

No sensitisation responses were observed.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Contains no ingredient listed as a carcinogen

Contains no ingredient listed as a mutagen

Contains no ingredient listed as toxic to reproduction

**SECTION 12: Ecological information****Toxicity**

The product is toxic to algae.

CAS No	Chemical name				
	Aquatic toxicity	Method	Dose	h	Species
5538-95-4	N-Dodecylpropan-1,3-diamin				
	Acute fish toxicity	LC50	0,1 mg/l	96	zebra danio

**Persistence and degradability**

The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**Mobility in soil**

Ecological injuries are not known or expected under normal use.

**SECTION 13: Disposal considerations****Waste treatment methods****Advice on disposal**

Do not dispose of with domestic refuse. Do not let product enter drains.

It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

**Waste disposal number of waste from 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  
Classified as hazardous waste.

**Waste disposal number of 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**

Rinse empty containers with water and use the rinse-water to prepare the working solution.

Disposal of contaminated packaging : Dispose of in accordance with local regulations.

**SECTION 14: Transport information****Land transport (ADR/RID)****UN number:** 2920**UN proper shipping name:** 2920 - Corrosive liquid, flammable, n.o.s. (N-Dodecylpropane-1,3-diamine + Isopropanol) Environmentally hazardous**Transport hazard class(es):** 8**Packing group:** I I

Hazard label: 8+3+N

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Classification code: CF1  
 Special Provisions: 274  
 Limited quantity: 1 Liter  
 Transport category: 2  
 Hazard No: 83  
 Tunnel restriction code: (D/E)

**Marine transport**

**UN number:** 2920  
**UN proper shipping name:** 2920 - Corrosive liquid, flammable, n.o.s. (N-Dodecylpropane-1,3-diamine + Isopropanol) Marine pollutant  
**Transport hazard class(es):** 8  
**Packing group:** I I  
 Hazard label: 8+3+N



Marine pollutant: m.p.  
 Special Provisions: 274  
 Limited quantity: 1 Liter  
 EmS: F-E, S-C

**Environmental hazards**

Dangerous for the environment: yes

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

1999/13/EC (VOC): 1 Volatile organic compounds (VOC) content : 21,9 %

**National regulatory information**

Employment restrictions: Observe employment restrictions for young people.  
 Water contaminating class (D): 2 - water contaminating

**Additional information**

BG (Mutual Occupational Accident Insurance Association) Rules 206 "Disinfection Procedures in Health Care Establishments".

**SECTION 16: Other information****Full text of R-phrases referred to under sections 2 and 3**

- 10 Flammable.
- 11 Highly flammable.
- 22 Harmful if swallowed.
- 34 Causes burns.
- 35 Causes severe burns.
- 36 Irritating to eyes.

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- 41 Risk of serious damage to eyes.
- 50 Very toxic to aquatic organisms.
- 67 Vapours may cause drowsiness and dizziness.

**Full text of H-Statements referred to under sections 2 and 3**

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

**Further Information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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