

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

InSpec AN RTU

Version 3.0 / EN  
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Substance name : InSpec AN RTU

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

Use of the Substance/Mixture : Disinfectant with cleaning properties

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

Company : Redditch Medical (a divn of  
Entaco) Unit 90 Heming Rd  
Washford Redditch UK B98  
0EA. +44 (0) 1527 830940

E-mail address : [craig.thomas@redditchmedical.com](mailto:craig.thomas@redditchmedical.com)  
Responsible/issuing person

#### 1.4 Emergency telephone number

+44 (0) 1527 830940 office hours

+44 (0) 7908 176679 out of hours

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

The product does not meet the criteria for classification in accordance with Directive 1999/45/EC and corresponding national legislation.

#### 2.2 Label elements

**Hazard statements** no information available

**2.3** No other hazards known. The product does not meet the criteria for PBT r vPvB in accordance with regulation (EC) No 1907/2006. Annex X111

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

Substances / Mixtures : Mixture

**Hazardous components****N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine**

CAS-No.	EC-No. / Registration number	Classification	Concentration
2372-82-9	219-145-8	Acute Tox.; 3; H301 Skin Corr.; 1A; H314 STOT RE; 2; H373 Aquatic Acute; 1; H400 Aquatic Chronic; 1; H410  C, N; R22, R48/22, R35, R50	> 1 %

**Alcohols, c12-14, ethoxylated, sulfates, sodium salts**

68891-38-3		Skin Irrit.; 2; H315 Eye Dam.; 1; H318  Xi; R38, R41	> 1 %
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**Isotridecanol, ethoxylated**

69011-36-5		Acute Tox.; 4; H302 Eye Dam.; 1; H318  Xn; R22, R41	> 1 %
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**Lactic acid**

50-21-5	200-018-0	Skin Irrit.; 2; H315 Eye Dam.; 1; H318	> 1 %
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For the full text of the H-Statements mentioned in this Section, see Section 16.  
For the full text of the R-phrases mentioned in this Section, see Section 16.

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

- Inhalation : Seek medical attention or advice if you feel unwell
- Skin contact : Take off all contaminated clothing immediately. After contact with skin, wash immediately with plenty of soap and water. Get medical advice or attention if feel unwell.
- Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation occurs and persists get medical attention or advice
- Ingestion : Rinse mouth out with water. Give plenty of water to drink. Do not induce vomiting without medical advice. Seek medical attention or advice if feel unwell.

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

- Symptoms : No information available.

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

- Treatment : No information available.
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## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

- Suitable extinguishing media : Dry powder, Water spray, Foam

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

- Specific hazards during firefighting : Heating or fire can release toxic gas.

### **5.3 Advice for firefighters**

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Use water spray to cool unopened containers.
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## **SECTION 6: Accidental release measures**

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

Personal precautions : No special precautions required.

### **6.2 Environmental precautions**

Environmental precautions : Do not flush into surface water or sanitary sewer system.

### **6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### **6.4 Reference to other sections**

Additional advice : For personal protection see section 8.

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## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Advice on safe handling : Avoid contact with skin and eyes. Provide sufficient air exchange and/or exhaust in work rooms.

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

Requirements for storage areas and containers : Keep container tightly closed. To maintain product quality, do not store in heat or direct sunlight. Keep in a dry, cool and well-ventilated place.

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

Specific use(s) : No information available.

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## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters**

Contains no substances with occupational exposure limit values.

### **8.2 Exposure controls**

#### **Personal protective equipment**

- Respiratory protection : In the case of vapour formation use a respirator with an approved filter.  
Respirator with a vapour filter (EN 141) Respirator with ABEK filter.
- Hand protection : Suitable material : Nitrile rubber  
Break through time : > 480 min  
Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
- Eye protection : Tightly fitting safety goggles  
Face-shield
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.  
Rubber or plastic apron  
Rubber or plastic boots
- Hygiene measures : Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

#### **Environmental exposure controls**

- General advice : Do not flush into surface water or sanitary sewer system.

## **SECTION 9: Physical and chemical properties**

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

Physical state	: liquid
Colour	: light yellow
Odour	: amine-like
pH	: 9 (20 °C)
Boiling point/boiling range	: ca. 100 °C
Flash point	: Not applicable
Vapour pressure	: 23 hPa (20 °C)
Density	: 1,022 g/cm <sup>3</sup> (20 °C)
Water solubility	: completely miscible
Auto-flammability	: not auto-flammable
Viscosity, dynamic	: 5 mPa.s (23 °C)
Explosivity	: Classification Code: Not explosive

### **9.2 Other information**

no data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Stable under normal conditions.

### 10.4 Conditions to avoid

no data available

### 10.5 Incompatible materials

Strong oxidizing agents

### 10.6 Hazardous decomposition products

No decomposition if stored normally.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Additional advice : No data is available on the mixture

**The following toxicological data refer to:**

**N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine** (CAS-No.: 2372-82-9)

#### Information on toxicological effects

Acute oral toxicity (LD50) : 261 mg/kg  
Species: Rat  
Method: OECD Test Guideline 401

Acute dermal toxicity (LD50) : > 600 mg/kg  
Species: Rat  
Method: OECD Test Guideline 402  
Maximum tested concentration, no deaths.

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Skin irritation	: Causes severe burns. Species: Rabbit Exposure time: 3 min Method: OECD Test Guideline 404
Sensitisation	: not sensitizing Species: Guinea pig Buehler Test Method: OECD Test Guideline 406
Repeated dose toxicity	: NOAEL: 9 mg/kg Application Route: Oral Exposure time: 90 d Species: Rat Method: OECD Test Guideline 408
	NOAEL: 20 mg/kg Application Route: Dietary Exposure time: 90 d Species: Dog Method: OECD Test Guideline 409
	NOAEL: 15 mg/kg Application Route: Dermal Exposure time: 90 d Species: Rat Method: US-EPA
	NOAEL: 9 mg/kg Application Route: Oral Exposure time: 90 d Species: Rat
Genotoxicity in vitro	: negative Ames test, Salmonella typhimurium Method: OECD Test Guideline 471
	negative Gene mutation, CH-cells V79 Method: OECD Test Guideline 476
	negative Chromosome aberration test in vitro, CH-cells V79 Method: OECD Test Guideline 473
Carcinogenicity	: not carcinogenic Application Route: Dietary Species: Rat Method: OECD Test Guideline 453
Reproductive toxicity	: Test type: Two-generation reproductive toxicity Species: Rat Application Route: Oral
Additional advice	: Absorption



## SECTION 12: Ecological information

### 12.1 Toxicity

Toxicity to fish : no data available

### 12.2 Persistence and degradability

Biodegradability : no data available

### 12.3 Bioaccumulative potential

Bioaccumulation : no data available

### 12.4 Mobility in soil

Behaviour in environmental compartments : no data available

### 12.5 Results of PBT and vPvB assessment

Assessment : This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).  
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

### 12.6 Other adverse effects

Additional advice : Very toxic to aquatic organisms.  
Do not flush into surface water or sanitary sewer system.  
Discharge into the environment must be avoided.

**The following ecotoxicological data refer to:**

**N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine** (CAS-No.:2372-82-9)

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### Toxicity

Toxicity to fish (LC50)	: 0,68 mg/l Species: <i>Oncorhynchus mykiss</i> (rainbow trout) Acute toxicity Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to fish (LC50)	0,45 mg/l Species: <i>Lepomis macrochirus</i> (Bluegill sunfish) Acute toxicity Exposure time: 96 h Method: US-EPA
Toxicity to daphnia and other aquatic invertebrates (EC50)	: 0,073 mg/l Species: <i>Daphnia magna</i> (Water flea) Immobilization Exposure time: 48 h Method: US-EPA
(NOEC)	0,024 mg/l Species: <i>Daphnia magna</i> (Water flea) Reproduction Test Exposure time: 21 d Method: OECD Test Guideline 211
Toxicity to algae (ErC50)	: 0,054 mg/l Species: <i>Pseudokirchneriella subcapitata</i> (green algae) Growth inhibition Exposure time: 96 h Method: US-EPA
Toxicity to algae (ErC10)	: 0,012 mg/l Species: <i>Desmodesmus subspicatus</i> (green algae) Growth inhibition Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to algae (NOEC)	: 0,0069 mg/l Species: <i>Desmodesmus subspicatus</i> (green algae) Growth inhibition Exposure time: 72 h Method: OECD Test Guideline 201
M-Factor (Acute aquatic toxicity)	: 10
M-Factor (Chronic aquatic toxicity)	: 1
Toxicity to bacteria (EC50)	: 18 mg/l Species: activated sludge Respiration inhibition Exposure time: 3 h Method: OECD Test Guideline 209

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### **Persistence and degradability**

Biodegradability : OECD Confirmatory Test: ca. 96 %  
Testing period: 12 - 15 d  
Method: OECD Test Guideline 303 A

Zahn-Wellens Test: 91 %  
Testing period: 28 d  
Method: OECD Test Guideline 302 B

Closed Bottle test: 79 %  
Readily biodegradable  
Testing period: 28 d  
Method: OECD Test Guideline 301D

Mineralisation: 73,8 %  
Testing period: 28 d

This surfactant complies 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.

### **Bioaccumulative potential**

Bioaccumulation : no data available

Behaviour in environmental compartments : Adsorption/Soil

### **Other adverse effects**

Additional advice : no data available

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## **SECTION 13: Disposal considerations**

### **13.1 Waste treatment methods**

Product : Dispose of in accordance with local regulations.  
Contact waste disposal services.

Contaminated packaging : Dispose of as unused product.

**SECTION 14: Transport information**  
**IATA / IMDG / ADR / RID / DOT / TDG**

14.1	UN number	: Non dangerous goods
14.2	Proper shipping name	: Non dangerous goods
14.3	Transport hazard class	: Non dangerous goods
14.4	Packing group	: Non dangerous goods
	Labels	: Non dangerous goods
14.5	Environmental hazards	: Non dangerous goods
14.6	Special precautions for user	: none
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	: Not applicable

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**SECTION 15: Regulatory information**

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**National legislation**

Water contaminating class (Germany) : WGK 2: water endangering

**15.2 Chemical Safety Assessment**

not required

## SECTION 16: Other information

### Full text of H-Statements

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### Full text of R-Phrases

R22	Harmful if swallowed.
R35	Causes severe burns.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R50	Very toxic to aquatic organisms.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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.