Safety Data Sheet

According to Regulation (EC) No 1907/2006, amended by Regulation (EU) 2020/878

InSpec AN

Revision Date: 2023-06-22 Revision No. 8.1/EN

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

1.1 Product Identifier

Trade Names: InSpec AN
InSpec AN Burstable Wipes
InSpec AN Burstable Mops

Product Number: -

UFI: WS00-V0W2-M00S-0QY6

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

Identified Uses: Ready-to-use disinfectant with cleaning properties (for professional use only).

1.3 Details of the supplier of the safety data sheet

Redditch Medical (a division of Entaco Ltd), Unit 90 Heming Rd, Washford, Redditch, B98 0EA, UK.

Contact Details

Redditch Medical (a division of Entaco Ltd),
Discovery 2, 2 William Armstrong Way,
NETPark, Sedgefield,
Co Durham, TS21 3FD, UK.
Telephone number: +44 (0) 1527 830940
Email: products@redditchmedical.com

EU Representative: Enviresearch Portugal Limitada
Address: Edifício Amoreiras Square,
Rua Carlos Alberto da Mota Pinto,
17, 3º A, 1070 - 313 LISBOA
Portugal

1.4 Emergency telephone number

For medical or environmental emergency only:
Call + 44 (0) 1527 830940 (office hours, UK)
+ 44 (0) 7377 544472 (out-of-office hours, UK)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified and labelled in accordance with Regulation (EC) No 1272/2008.

Physical hazards: Not classified.

Health hazards: Not classified.

Environmental hazards: Aquatic Chronic 3 (H412).

2.2 Label elements

GHS Pictogram: None

Signal Word: None

Hazard Statements:
• H412 – Harmful to aquatic life with long lasting effects.

Precautionary Statements:
• P273 – Avoid release to the environment.
• P501 – Dispose of contents / container to local / national regulations.

2.3 Other hazards
No other hazards known. The product does not contain components which are known to meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: Composition / information on ingredients

3.1 Substances
The product is a mixture (see sub-section 3.2 of this Safety Data Sheet).

3.2 Mixtures

Ingredient(s)	EC number	CAS number	REACH number	Classification according Regulation (EU) No 1272/2008 (CLP)	Notes	Content (% w/w)
N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine	219-145-8	2372-82-9	01-2119980592-29-XXXX	Acute Tox. 3 (H301) Skin Corr. 1B (H314) STOT RE 2 (H373) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-	<1
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	500-234-8	68891-38-3	01-2119488639-16-XXXX	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	<1
Isotridecanol, ethoxylated	500-241-6	69011-36-5	01-2119976362-32-XXXX	Acute Tox. 4 (H302) Eye Dam. 1 (H318)	-	<1
Lactic acid	200-018-0	50-21-5	01-2119548400-48-XXXX	Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	-	<1

Additional information:
For full text of Hazard (H) statements see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Seek medical attention / advice if affected person feels unwell.

Skin contact: Take off all contaminated clothing immediately. After contact with skin, wash immediately with plenty of soap and water. Get medical advice / attention if affected person feels unwell.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses if present and easy to do. Seek medical attention immediately.

Ingestion: Rinse mouth out with water. Give plenty of water to drink. Do not induce vomiting without medical advice. Seek medical attention/ advice if affecter person feels unwell.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: No information available.

Skin contact: No information available.

Eye contact: No information available.

Ingestion: No information available.

General Information: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for doctor: No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing material: Dry powder, water spray, foam.

5.2 Special hazards arising from the substance or mixture

Heating or fire can release toxic gas.

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.
Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special precautions required.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in a suitable container for disposal according to local / national regulations.

6.4 Reference to other sections

For personal protective equipment see sub-section 8.2 of this Safety Data Sheet. For disposal considerations on see section 13.

SECTION 7: Handling and storage

7.1 Precautions for 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

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)

No additional information.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Workplace exposure limits:

Air limit values, if available:

Ingredient(s) / Country	Long term exposure limit (8-hour TWA)	Short term exposure limits (STEL)	Reference / Legal Basis
N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine			
United Kingdom	-	-	-
Germany	0.05 mg/m^3 (inhalable)	0.4 mg/m^3 (inhalable)	DFG; Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area
Switzerland	0.05 mg/m^3 (inhalable)	0.4 mg/m^3 (inhalable)	Limit Values Switzerland

Note - Contains no other substances with known occupational exposure limits other than listed above.

Biological limits, if available: Not available.

Recommended monitoring procedures, if available: Not available.

Additional exposure limits under the conditions of use, if available: Not available.

8.2 Exposure controls

Engineering measures: Provide adequate general and local exhaust.

Personal Protective Equipment

Eye/face protection: Tightly-fitting safety googles to an approved standard.

Respiratory protection: In case of vapour formation use a respirator with an approved filter.
Use a respirator with a vapour filter (EN 141) respirator with ABEK filter.

Hand protection: Chemical-resistant, impervious gloves to an approved standard. Suitable material: nitrile rubber; break-through time: 480 minutes.
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).

Other skin and body protection: Choose body protection according to the amount and concentration of the dangerous substance at the work place; rubber or place apron; rubber or plastic boots.

Hygiene measures: Do not smoke in work area. Wash hands before work breaks, immediately after handling the product, and before eating, smoking and using the toilet. Avoid contact with skin, eyes, and clothing. Remove and wash contaminated clothing and gloves, including the inside, before re-use. When using, do not eat, drink, or smoke.

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

Information in this section refers to the mixture.

		Method / remark
Physical State:	Liquid.	-

Colour:	Light yellow.	-
Odour:	Amine-like.	-
pH:	9	@ 20 °C
Melting point /freezing point:	Not available.	-
Initial boiling point and boiling range:	*ca.* 100 °C.	-
Flash point:	Not available.	-
Evaporation rate:	Not available.	-
Flammability (solid, gas):	Not available.	-
Upper/lower flammability or explosive limits:	Not available.	-
Vapour pressure:	23 hPa.	@ 20 °C
Vapour density:	Not available.	-
Relative density:	Not available.	-
Density	1.022 g/cm^3	@ 20°C
Solubility(ies)	Completely miscible in water.	-
Partition coefficient: n-octanol/water:	Not available.	-
Auto-ignition temperature:	Not auto-flammable.	-
Decomposition temperature:	Not available.	-
Viscosity:	5 mP.s.	@ 23 °C
Explosive properties:	Not explosive.	-
Oxidising properties:	Not available.	-

9.2 Other information No additional information.

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.

According to section 2.4.2.5.1 of the IMDG Code InSpec AN RTU is not classed as a polymerising substance and is stable under normal conditions. Therefore, InSpec AN RTU can be transported at ambient temperatures.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

No decomposition if stored normally.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No data is available on the mixture / product.

The following toxicological data refer to the following component of the mixture:

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine

Acute toxicity:	LD50 (Oral): 261 mg/kg	Method – OECD Test Guideline 401. Test species – rat.
	LD50 (Dermal): > 600 mg/kg	Method – OECD Test Guideline 402. Test species – rat. Maximum tested concentration – no deaths.
Skin corrosion / irritation:	Causes severe burns.	Method – OECD Test Guideline 404. Test Species – rabbit. Exposure time – 3 minutes.
Serious eye damage / irritation:	No information available.	
Respiratory or skin sensitisation:	Not sensitising.	Method – OECD Test Guideline 406, Buehler Test. Test species – guinea pig.
Germ cell mutagenicity:	No information available.	
Carcinogenicity:	Not carcinogenic.	Method – OECD Test Guideline 453. Test species – rat. Application route – dietary.
Genotoxicity in vitro:	Negative.	Method – OECD Test Guideline 471; Ames Test, *Salmonella typhimurium.*
	Negative.	Method – OECD Test Guideline 476; gene mutation, CH-cells V79.
	Negative.	Method – OECD Test Guideline 473; Chromosome aberration test in vitro, CH-cells V79.
Reproductive toxicity:	-	Method – two-generation reproductive toxicity. Test species – rat. Application route – oral.
Repeat dose toxicity:	NOAEL: 9 mg/kg	Method – OECD Test Guideline 408. Test species – rat. Application route – oral. Exposure time – 90 days.
	NOAEL: 20 mg/kg	Method – OECD Test Guideline 409. Test species – dog. Application route – dietary. Exposure time – 90 days.
	NOAEL: 15 mg/kg	Method – US EPA. Test species – rat. Application route – dermal. Exposure time – 90 days.
	NOAEL: 9 mg/kg	Method – not available. Test species – rat. Application route – oral. Exposure time – 90 days.
STOT-single exposure:	No information available.	
STOT-repeated exposure:	No information available.	
Aspiration hazard:	No information available.	

11.2 Information on Other Hazards

11.2.1 Information on Endocrine Disrupting Properties

Mixture/product not classified for endocrine disruption, in accordance with Regulations ((EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605)

11.2.2 Information on Other Hazards

No further information

SECTION 12: Ecological information

No information is available on the product / mixture.

12.1 Toxicity

No information available.

12.2 Persistence and degradability

No information available.

The following toxicological data refer to the following component of the mixture:

N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine		
12.1 Toxicity		
Toxicity to fish (LC50):	0.68 mg/l	Method – OECD Test Guideline 203 Test species – *Oncorhynchus mykis* (rainbow trout) Exposure time – 96 hours (acute toxicity)
Toxicity to fish (LC50):	0.45 mg/l	Method – US EPA Test species – *Lepomis macrochirus* (Bluegill sunfish) Exposure time – 96 hours (acute toxicity)
Toxicity to daphnia and other aquatic invertebrates (EC50):	0.073 mg/l	Method – US EPA (immobilization) Test species – *Daphnia magna* (Water flea) Exposure time – 48 hours (acute toxicity)
NOEC	0.024 mg/l	Method – OECD Test Guideline 211 (reproduction test) Test species – *Daphnia magna* (Water flea) Exposure time – 21 days
Toxicity to algae (ErC50)	0.054 mg/l	Method – US EPA (growth inhibition) Test species – *Pseudokirchneriella subcapitata* (Green algae) Exposure time – 96 hours
Toxicity to algae (ErC10)	0.012 mg/l	Method – OECD Test Guideline 201 (growth inhibition) Test species – *Desmodesmus subspicatus* (Green algae) Exposure time – 72 hours
Toxicity to algae (NOEC)	0.0069 mg/l	Method – OECD Test Guideline 201 (growth inhibition) Test species – *Desmodesmus subspicatus* (Green algae) Exposure time – 72 hours
M-Factor (Acute aquatic toxicity)	10	-
M-Factor (Chronic aquatic toxicity)	1	-
Toxicity to bacteria (EC50)	18 mg/l	Method – OECD Test Guideline 209 (respiration inhibition) Species – activated sludge Exposure time – 3 hours
12.2 Persistence and degradability		
Biodegradability	*ca.* 96%	Method – OECD Test Guideline 303 A (OECD Confirmatory Test) Testing period – 12-15 days
	91%	Method – OECD Test Guideline 302 B (Zahn-Wellens Test)

		Testing period – 28 days
	79%	Method – OECD Test Guideline 301 D (Closed Bottle Test) Testing period – 28 days
	73.8% (mineralisation)	Method – Not available Testing period – 28 days
	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.	

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Not known to be Persistent, Bioaccumulative and Toxic (PBT), or very Persistent and very Bioaccumulative (vPvB).

12.6 Endocrine Disrupting Properties – Environment

Mixture/product not classified for endocrine disruption, in accordance with Regulations ((EC) No 1907/2006, (EU) 2017/2100, (EU) 2018/605)

12.7 Other adverse effects

Very toxic to aquatic organisms.

Do not flush into surface water or sanitary sewer system.

Discharge into the environment must be avoided.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

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

Contaminated packaging: Disposes of as unused product.

SECTION 14: Transport information

General: Not dangerous goods for transport.

		ADR/RID:	IMDG:	ICAO/IATA:	ADN:
14.1	**UN number:**	Not dangerous goods.			
14.2	**UN proper shipping name:**	n/a			
14.3	**Transport hazard class(es):**	n/a			
14.4	**Packing group:**	n/a			
14.5	**Environmental hazards**				
	Environmentally hazardous:	n/a			
	Marine pollutant:	n/a			
14.6	**Special precautions for user:**	n/a			
14.7	**Maritime transport in bulk according to IMO instruments:**	n/a			

SECTION 15: Regulatory information

This Safety Data Sheet is compiled in accordance with the requirements of Regulation (EC) No 1907/2006 (REACH), amended by Regulation (EU) 2020/878.

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

National legislation: Water contaminating class (Germany) – WGK 2: water endangering

15.2 Chemical safety assessment

Not available for this product / mixture.

SECTION 16: Other information

The information is given in good faith and is based upon current available data. The suitability of this product for any particular use is not suggested. The user must determine if the product is correct for any particular application; 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. This document is not a warranty or specification. This document does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

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Full text of the H and EUH phrases mentioned in section 3:

- 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.
- H412 – Harmful to aquatic life with long lasting effects.

Key literature references and sources for data:

Safety Data Sheet (Revision 8.0), the ECHA classification and labelling Inventory, the Health and Safety Executive's (UK) EH40/2005 Workplace exposure limits, GESTIS Substance Databased (Occupational Exposure Limits).

Revision Note:

The following updates have been made in this revision of the Safety Data Sheet: Section 1 updated.

Abbreviations and acronyms:

- PBT – Persistent, Bioaccumulative and Toxic.
- REACH number – REACH registration number, without supplier specific part.
- vPvB – very Persistent and very Bioaccumulative.
- STOT – specific target organ toxicity.
- TWA – time weighted average.
- STEL – short term exposure limit
- NOAEL – no observed adverse effect level.
- NOEC – no observed effect concentration.
- ADR / RID – European Agreement concerning the International Carriage of Dangerous Goods by Road / Regulation concerning the International Carriage of Dangerous Goods by Rail.
- IMDG – International Maritime Dangerous Goods Code.
- ICAO / IATA – International Civil Aviation Organization / International Air Transport Association.
- ADN – European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
- MARPOL – International Convention for the Prevention of Pollution from Ships.

End of Safety Data Sheet