

InSpec N7 – 4% RTU Solution

Date: 2018-30-04

Revision No. 2.1

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

1.1 Product Identifier

Trade Name: InSpec N7 – 4% RTU Solution

Product Number: All Ready to use (RTU) variants

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

Identified Uses: Surface cleaner

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, United Kingdom.

Contact Details

Redditch Medical (a division of Entaco Ltd),

Unit 90 Heming Rd,

Washford, Redditch,

B98 0EA,

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Telephone number +44 (0) 1527 830940

Regulatory Email: phil.brennan@redditchmedical.com

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 (CLP).

Physical hazards: Not classified.

Health hazards: Not classified.

Environmental hazards: Not classified.

2.2 Label elements

Pictograms / Signal words: None.

Hazard statements: None.

Precautionary statements: None.

2.3 Other hazards

No other hazards known. The product does not contain substances which 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)
Alkyl poly glucoside	500-220-1	68515-73-1	2119488530-36-XXXX	Eye Dam. 1 (H318)	-	0.04-0.2
2-(2 butoxy ethoxyethanol)	203-961-6	112-34-5	-	Eye Irrit. 2 (H319)	-	0.04-0.2
BTC 50 E Quat (Quaternary ammonium compound; n-alkyl dimethyl benzyl ammonium chloride)	269-919-4	68391-01-5	-	Acute Tox. 4 (H302) Skin Corr. 1B (H314) Aquatic Chronic 2 (H411)	-	0.06

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: Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Skin contact: Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

Eye contact: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Seek medical attention if any discomfort continues.

General notes: No additional information.

4.2 Most important symptoms and effects, both acute and delayed

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: Unlikely to occur.

Skin contact: Prolonged contact may cause skin dryness.

Eye contact: May cause temporary eye irritation.

Ingestion: May cause discomfort if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for doctor: Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

No hazardous combustion products at ambient temperatures.

5.3 Advice for firefighters

No specific fire-fighting precautions known.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in sub-section 8.2 of this safety data sheet.

6.2 Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand, or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers, watercourses.

6.4 Reference to other sections

For personal protective equipment see sub-section 8.2. For disposal considerations see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid spilling. Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store tightly-closed in its original container in a dry, cool and well-ventilated place. Keep only in the original container.

7.3 Specific end use(s)

No specific advice available.

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, 15 minute)	Reference
2-(2 Butoxy ethoxyethanol)			
United Kingdom	10 ppm (67.5 mg/m ³)	15 ppm (101.2 mg/m ³)	UK EH40 WEL – Workplace Exposure Limits
Austria	10 ppm (67.5 mg/m ³)	15 ppm (101.2 mg/m ³)	MAK / TRK
France	10 ppm (67.5 mg/m ³)	15 ppm (101.2 mg/m ³)	VLE

Germany	10 ppm (67 mg/m ³)	15 ppm (100 mg/m ³)	AGS – Inhalable aerosol and vapour
	10 ppm (67 mg/m ³)	15 ppm (100.5 mg/m ³)	DFG – inhalable fraction and vapour
Ireland	10 ppm (67.5 mg/m ³)	15 ppm (101.2 mg/m ³)	-
European Union	10 ppm (67.5 mg/m ³)	15 ppm 101.2 mg/m ³	Limit Values European Union – IOELV and BOELV

Biological limits, if available: No information.

Recommended monitoring procedures, if available: No information.

Additional exposure limits under the conditions of use, if available: No information.

8.2 Exposure controls

The following information applies for the uses indicated in subsection 1.2.

If available, please refer to the product information sheet for application and handling instructions.

Normal use conditions are assumed for this section.

Engineering measures: Ensure adequate general and local exhaust ventilation.

Personal Protective Equipment

Eye/face protection: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection: Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures: Do not smoke in work area. Wash at the end of each work shift and before eating, smoking, and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using, do not eat, drink, or smoke.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Information available on the mixture as supplied:

		Method / remark
Physical State:	Liquid	-
Colour:	Clear and colourless.	-
Odour:	Characteristic.	-
pH:	6.0-7.5	Based on internal study report.
Melting point /freezing point:	No data available.	-
Initial boiling point and boiling range:	No data available.	-
Flash point:	No data available.	-
Evaporation rate:	No data available.	-
Flammability (solid, gas):	No data available.	-
Upper/lower flammability or explosive limits:	No data available.	-

Vapour pressure:	No data available.	-
Vapour density:	No data available.	-
Relative density:	0.990 – 1.010	Based on internal study report.
Density	0.999 g/cm ³	Based on internal study report.
Solubility(ies)	Miscible with water.	-
Partition coefficient: n-octanol/water:	No data available.	-
Auto-ignition temperature:	No data available.	-
Decomposition temperature:	No data available.	-
Viscosity:	No data available.	-
Explosive properties:	No data available.	-
Oxidising properties:	No data available.	-

9.2 Other information No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No reactivity hazards known.

10.2 Chemical stability

Stable at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Fire creates: carbon monoxide (CO), carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1 Information on toxicological effects

No data is available on the mixture. Where available, information on the components in the mixture are provided below.

Acute toxicity:	LD ₅₀ (Oral – rat; alkyl polyglucoside): >4000 mg/kg body weight. LD ₅₀ (Oral – rat; 2-(2-butoxyethoxy)ethanol): 4500 mg/kg body weight. LD ₅₀ (Oral – rat; BTC 50E Quat): >500 mg/kg body weight.
Skin corrosion / irritation:	No data available.
Serious eye damage / irritation:	No data available.
Respiratory or skin sensitisation:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
STOT-single exposure:	No data available.
STOT-repeated exposure:	No data available.
Aspiration hazard:	No data available.

SECTION 12: Ecological information

Not regarded as dangerous for the environment.

12.1 Toxicity

Toxicity to fish: No information available.

Toxicity to aquatic invertebrates: No information available.

Toxicity to algae: No information available.

12.2 Persistence and degradability

The product is expected to be biodegradable.

12.3 Bioaccumulative potential

Not expected to bioaccumulate.

12.4 Mobility in soil

The product is soluble in water.

12.5 Results of PBT and vPvB assessment

The mixture contains no components that are considered to be with Persistent, Bioaccumulative and Toxic (PBT), or very Persistent and very Bioaccumulative (vPvB).

12.6 Other adverse effects

No other information on adverse effects is available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Dispose of observing national or local regulations.

SECTION 14: Transport Information

	ADR/RID:	IMDG:	ICAO/IATA:	ADN
14.1 UN number:	0	0	0	-
14.2 UN proper shipping name:	N/A	N/A	N/A	-
14.3 Transport hazard class(es):	N/A	N/A	N/A	-
14.4 Packing group:	N/A	N/A	N/A	-
14.5 Environmental hazards				
Environmentally hazardous:	No			
Marine pollutant:	No			
14.6 Special precautions for user:	N/A			
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:	N/A			

SECTION 15: Regulatory information

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

This Safety Data Sheet is compiled in accordance with Regulation (EC) No 1907/2006 (REACH), amended by Regulation (EU) 2015/830.

15.2 Chemical safety assessment

Not available for this product.

SECTION 16: Other information

The information in this document is given in good faith based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract. 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 document is not a specification

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Revisions Note: Format revisions and minor revisions to content.

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

- H302 – Harmful if swallowed.
- H314 – Causes severe burns and eye damage.
- H315 – Causes skin irritation.
- H318 – Causes serious eye damage.
- H411 – Toxic to aquatic life with long-lasting effects.

Literature / Sources of Information

Supplier SDS, internal study report on physicochemical properties (pH, relative density / specific gravity, density), the ECHA classification and labelling inventory, the Health and Safety Executive's (UK) EH40/2005 Workplace exposure limits, GESTIS Substance Databased (Occupational Exposure Limits).

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.
- 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