



Rapide RTU

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

1.1 - Product identifier

Trade name/designation Rapide RTU

Chemical name

Product-type Mixture

Product code 61307RTU

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

Relevant identified uses

- PC8: Biocidal products (e.g. Disinfectants, pest control).

1.3 - Details of the supplier of the safety data sheet

Super Formula

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+4423128 851407 sales@superformula.com

1.4 - Emergency telephone number

01328 851 407 (Office Hours Only)

United Kingdom: NHS Direct: 111

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

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

Not Classified	Not classified
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2.2 - Label elements

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

Signal word : None

Pictograms : None

Hazard statements : None

Precautionary statements

P102	Keep out of reach of children.
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P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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EUH-phrases : None

2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

SECTION 3: Composition / information on ingredients

3.1 - Substances



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Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	CAS No. : 308062-28-4 Index No. : EC No. : 931-292-6	< 5	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411 Eye Dam. 1 - H318 Skin Irrit. 2 - H315	Not applicable
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	CAS No. : 68424-85-1 Index No. : EC No. : 270-325-2	< 5	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Eye Dam. 1 - H318 Skin Corr. 1B - H314	M-factor: 10 ATE oral 10000
Didecyldimethylammonium chloride	CAS No. : 7173-51-5 Index No. : 612-131-00-6 EC No. : 230-525-2 REACH No. : 01-2119485041-46-XXX	< 5	Acute Tox. 4 Oral - H302 Flam. Liq. 3 - H226 Skin Corr. 1B - H314 STOT SE 3 (H336) - H336	M-factor: 10

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following inhalation

- No special measures are necessary.
- When in doubt or if symptoms are observed, get medical advice.

Following skin contact

- After contact with skin, wash immediately with plenty of water and soap.
- When in doubt or if symptoms are observed, get medical advice.

After eye contact

- In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

- Rinse mouth thoroughly with water.
- Do NOT induce vomiting.

4.2 - Most important symptoms and effects, both acute and delayed

Symptoms and effects - Following inhalation

- There may be irritation of the throat with a feeling of tightness in the chest.

Symptoms and effects - Following skin contact

- Persons with very sensitive skin may experience mild irritation

Symptoms and effects - After eye contact

- May cause mild irritation

Symptoms and effects - After ingestion

- There may be soreness and redness of the mouth and throat. Nausea and stomach

4.3 - Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.

SECTION 5: Firefighting measures

5.1 - Extinguishing media



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Suitable extinguishing media - Extinguishing media appropriate for other products in the vicinity should be used

5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - No information available.

5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.
- Wear a self-contained breathing apparatus and chemical protective clothing.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Turn leaking containers upside to prevent further escape of liquid
- Use personal protection equipment.
- Provide adequate ventilation.

For emergency responders - No information available.

6.2 - Environmental precautions

- Contain the spillage using bunding.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment - Clear spills immediately.

Methods and material for cleaning up - Wash with plenty of water.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation - Ensure adequate ventilation

Advices on general occupational hygiene - No information available.

7.2 - Conditions for safe storage, including any incompatibilities

- Keep container tightly closed in a cool, well-ventilated place.
- Only use containers specifically approved for the substance/product.

7.3 - Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

8.2 - Exposure controls

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Appropriate engineering controls - Ensure there is sufficient ventilation

Individual protection measures, such as personal protective equipment - Eye protection

- Protective gloves

- Suitable protective clothing: Protective apron



SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Colour</u>	Purple	<u>Odour</u>	odourless
Odour threshold		No data available	
pH		7	
Melting point		No data available	
Freezing point		No data available	
Boiling point		98 °C	
Flash point		No data available	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		No data available	
Solubility (Water)		very soluble	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		Non-viscous	
Dynamic viscosity		No data available	
<u>Particle characteristics</u>			
Particle size		No data available	



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9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

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

- Avoid direct sunlight.
- Avoid excessive heat for prolonged periods of time.

10.5 - Incompatible materials

- Strong Acids and Oxidising Agents

10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Not classified

Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

Toxicity : Substances

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides (308062-28-4)	
LD50 oral (rat)	1064 mg/kg
LD50 dermal (rat)	> 2000 mg/kg
LD50 dermal (rabbit)	> 2000 mg/kg



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Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)

LD50 oral (rat)	795 mg/kg
LD50 dermal (rat)	1560 mg/kg

Didecyldimethylammonium chloride (7173-51-5)

LD50 dermal (rabbit)	Causes burns.
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Skin corrosion/irritation - Not classified

Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

11.2 - Information on other hazards

- The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

Toxicity : Substances

Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides (308062-28-4)

LC50 96 hr fish	2.67 mg/l
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Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (68424-85-1)

LC50 96 hr fish	1.7 mg/l Oncorhynchus mykiss (Rainbow trout)
ErC50 other aquatic plants	0.06 mg/l Selenastrum capricornutum



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Didecyldimethylammonium chloride (7173-51-5)	
LC50 96 hr fish	0.1 mg/l < V < 1 mg/l Danio rerio (zebrafish)
ErC50 algae	0.01 mg/l < V < 0.1 mg/l Pseudokirchneriella subcapitata (green algae)

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4 - Mobility in soil

- No information available.

12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

12.6 - Endocrine disrupting properties

12.7 - Other adverse effects

- No information available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- Dispose of waste according to applicable legislation.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	- No information available.
<u>Community or national or regional provisions</u>	- No information available.

SECTION 14: Transport information

14.1 - UN number or ID number

Not applicable

14.2 - UN proper shipping name

14.3 - Transport hazard class(es)



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14.4 - Packing group

14.5 - Environmental hazards

14.6 - Special precautions for user

14.7 - Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content No data available

15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	24/10/2022		

Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Aquatic Acute 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Aquatic Chronic 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Aquatic Chronic 2
Eye Dam. 1	Serious eye damage, Category 1
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H226	Flammable liquid and vapour
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H336	May cause drowsiness or dizziness
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
Not Classified	Not classified
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Irritation, Category 2
STOT SE 3 (H336)	STOT-single exposure - Category 3 (H336)

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