

SAFETY DATA SHEET

Prepared in accordance to article 31 of EU regulation 1907/2006/EC
Generic SDS – No Country Specific Data

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name: RNase Xterminator Spray
Product Number(s): GB43.500S
Brand: GRiSP
REACH No. N/A

1.2 Relevant identified uses of the substance/mixture and uses advised against:

Identified uses: Laboratory chemicals, for research only.
Uses advised against: Not intended for human or animal diagnostics, therapeutics or other clinical uses.

1.3 Company/Undertaking Identification

Company: GRiSP, Lda.
Edifício Central do UPTEC
Rua Alfredo Allen, 455|461
4200-135 PORTO, Portugal
Tel: +351-220301599
Fax: +351-220301597
E-mail: info@grisp.pt

1.4 Emergency telephone number:

Emergency telephone number: +351-808 250143 (Poison Information Centre, CIAV, Lisbon) or check local emergency contact information

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

Eye Irritation: Category 2, H319
Flammable Liquids: Category 2, H225
Specific target organ toxicity – single exposure (STOT-SE): Category 3, H336

2.2 Label elements

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

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CLP

Hazard pictograms:



Signal word:

Danger

Hazard Statements

Hazard Statements

H226	Highly flammable liquid and vapour
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

Precautionary statements:

Response:

P308+P313	IF exposed or concerned: Get medical advice/attention
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P370+P378	In case of fire: Use for extinction: CO ₂ , powder or water spray.

Prevention:

P202	Do not handle until all safety precautions are understood
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P260	Do not breath dust/fume/gas/mist/vapours/spray
P280	Wear protective gloves / protective clothing / eye protection / face protection
P501	Dispose of contents/container to an approved waste disposal plant

2.3 Other hazards

None

3 Composition/information on ingredients

3.1 Description: Mixture of secondary alcohol and anionic surfactant

3.2 Chemical Characterization: Mixtures

Synonyms:

Substance	%	Classification (CLP)
Secondary Alcohol	50-100	Flam. Liq 2, H226 Eye Irrit. 2, H319 STOT SE 3, H336
Anionic Surfactant	<2.5	Acute Tox, H302 Skin Irrit. 2, H315

3.2.1 Components not listed here are either not dangerous or their concentrations do not exceed the limits specified in Regulation (EC) No 1272/2008.

4 First aid measures

4.1 Description of First aid measures:

General information:	Consult a physician. Show this safety data sheet to the doctor in attendance
Inhalation:	DO NOT DELAY! If inhaled, move exposed person to fresh air. If not breathing, begin artificial respiration immediately and obtain medical attention.
Eye contact:	DO NOT DELAY! In case of contact with eyes, rinse with plenty of water for at least 15 minutes. Remove contact lenses. If pain or irritation occurs obtain medical attention.
Skin contact:	In case of contact with skin, flush with copious amounts of water for at least 15 minutes. If pain or irritation occurs, obtain medical attention.
Ingestion:	DO NOT DELAY! If swallowed, immediately make victim drink water (two glasses at most). Do not induce vomiting. Call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Not applicable

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5 Fire-fighting measures

5.1 Extinguishing Media :

CO₂, powder or water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

Special Fire and Explosion Hazards

Highly flammable liquid

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin, eyes and clothing. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

6.2 Environmental Precautions:

Avoid spill to prevent migration. Do not allow product to enter drains. Dispose of contents/container in accordance to national and local regulations.

6.3 Methods and material for containment and cleaning up:

Absorb with appropriate material (e.g., sawdust, sand, diatomite, acid binders, universal binders, sodium bicarbonate, crushed limestone, etc.), and place in closed adequate container for proper disposal.

7 Handling and storage

7.1 Handling:

Avoid skin and eye contact. Ensure good ventilation/exhausting in the workplace. Avoid inhalation of vapour or mist. Safety showers and eye wash facilities should be available in the work area. Do not smoke. Protect against electrostatic charges.

7.2 Storage:

According to product specifications.

7.3 Specific end uses:

No further relevant information available

8 Exposure controls/personal protection

8.1 Control Parameters

8.2 Exposure Controls

This product is for research only and has not been intended/approved for any other commercial, drug, medicinal, household or other consumer purposes. Avoid all unnecessary exposure. Wear tightly fitting safety goggles, suitable protective clothing, and gloves. Do not wear contact lenses. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. Handle in accordance with good industrial hygiene and safety practice.



Protective gloves



Tightly sealed goggles



Protective work clothing

Appropriate Engineering Controls. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

9 Physical and chemical properties

9.1. Physical State:	Liquid
9.2. Appearance:	Colourless
9.3. Odor:	Alcohol-like
9.4. pH (25°C):	Undetermined
9.5. Flash Point:	18°C
9.6. Melting point:	-29°C
9.7. Boiling point:	Undetermined
9.8. Self-ignition:	Product is not self-igniting
9.9. Danger of explosion.	Product is not explosive, however, formation of explosive air/vapour mixtures is possible.
9.10 Solubility in water:	Miscible

10 Stability and reactivity

10.1 Reactivity	No dangerous reactions known.
10.2 Chemical Stability	Stable.
10.3 Conditions to avoid	Not established.
10.4 Materials to avoid	Strong oxidizing agents.
10.5 Conditions to avoid	No information available
10.6 Hazardous decomposition products	Not expected to occur.
10.7 Hazardous products of thermal decomposition:	Carbon monoxide and carbon dioxide. Sulphur oxides (SO _x)

11 Toxicological information

11.1 Information on toxicological effects

Acute Toxicity:	No data available
Irritation:	Causes serious eye irritation
Corrosivity:	No data available
Sensitisation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No component of this product present is identified as probable possible or confirmed human carcinogen by IARC
Reproductive toxicity:	No data available
Specific target organ toxicity (single exposure):	May cause drowsiness or dizziness
Specific target organ toxicity (repeated exposure):	No data available
Aspiration hazard:	No data available

12 Ecological Information

Toxicity

12.1 Aquatic toxicity	No further relevant information available
12.2 Persistence and degradability:	No further relevant information available
12.3 Bioaccumulative potential	No further relevant information available
12.4 Mobility in Soil:	No further relevant information available
12.5 Other adverse effects:	No further relevant information available

Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB

13 Disposal Considerations

Dispose in accordance to all National and local environmental regulations.

14 Transport Information

IATA/ADR/DOT-US/IMDG

14.1 UN number

UN1993

14.2 UN proper shipping name

1993 FLAMMABLE LIQUID, n.o.s., special provision 640D

Land transport ADR/RID (cross-border)

ADR/RID class: 3 Flammable liquids

UN-Number: 1993

Danger code (Kemler): 33

Packaging group: II

Maritime transport IMDG

IMDG class: 3 Flammable liquids

Label: 3

UN-Number: 1993

EMS Number: F-E, S-E

Packaging group: II

Air transport ICAO-TI and IATA-DGR

ICAO/IATA class: 3 Flammable liquids

Label: 3

UN/ID Number: 1993

Packaging group: II

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable



15 Regulatory Information

15.1 US Federal Regulations

No additional information available

15.2 International Regulations

EU Regulations

No additional information available

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

No additional information available

15.3 National Regulations

No additional information available

15.4 US State Regulations

No additional information available

15.5 Other Regulations

No additional information available

16 Other information

The information mentioned above is based on our present knowledge and is believed to be correct. However, it shall only be used as a guide and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. GRISP, Lda. shall not be held liable for any damage resulting from the handling or from contact with the above product. This SDS has been prepared in accordance with EU Regulation 1907/2006/EC and other EU legislation in force.