



Rely+On™ Perasafe™

Version 3.0

Revision Date 31.10.2011

Ref. 130000028770

This SDS adheres to the standards and regulatory requirements of Great Britain and may not meet the regulatory requirements in other countries.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name : Rely+On™ Perasafe™

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

Use of the Substance/Mixture : Sterilant

Details of the supplier of the safety data sheet

Company : Antec International Limited
Windham Road
Chilton Industrial Estate
Sudbury / Suffolk - CO10 2XD
United Kingdom

Telephone : +44(0)1787 377 305

Telefax : +44(0)1787 310 846

E-mail address : sds-support@che.dupont.com

Emergency telephone number

Emergency telephone number : +44-(0)8456-006.640

Remarks : Antec International Limited is a wholly owned subsidiary of Dupont (UK) Ltd.

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Toxic to Reproduction Category 2	R61: May cause harm to the unborn child.
Toxic to Reproduction Category 3	R62: Possible risk of impaired fertility.
Irritant	R41: Risk of serious damage to eyes. R37: Irritating to respiratory system.

Label elements



Toxic

R61	May cause harm to the unborn child.
R37	Irritating to respiratory system.



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R41 Risk of serious damage to eyes.
R62 Possible risk of impaired fertility.

Special labelling of certain substances and mixtures Restricted to professional users.

S53 Avoid exposure - obtain special instructions before use.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S35 This material and its container must be disposed of in a safe way.
S39 Wear eye/face protection.
S51 Use only in well-ventilated areas.

Other hazards

no data available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

not applicable

Mixtures

Registration number	Classification according Directive 67/548/EEC	Classification according Regulation 1272/2008 (CLP)	Concentration
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Citric acid (CAS-No.77-92-9) (EC-No.201-069-1)

	Xi;R36/38	Skin Irrit. 2; H315 Eye Irrit. 2; H319	20 - 25 %
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Sodium perborate monohydrate (CAS-No.10332-33-9) (EC-No.NONE IN ESIS)

	O;R 8 Repr.Cat.2;R61 Repr.Cat.3;R62 Xn;R22 Xi;R37 R41	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319	40 - 60 %
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Sodium dodecylbenzenesulfonate (CAS-No.25155-30-0) (EC-No.246-680-4)

	Xn;R22 Xi;R36/37/38	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335	1 - 2 %
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For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.



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4. FIRST AID MEASURES

Description of first aid measures

- General advice : Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt seek medical advice.
- Inhalation : Remove from exposure, lie down. Artificial respiration and/or oxygen may be necessary. Keep patient warm and at rest. Consult a physician.
- Skin contact : Wash off immediately with plenty of water. If skin irritation persists, call a physician.
- Eye contact : Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. Keep eye wide open while rinsing. Call a physician immediately.
- Ingestion : Do NOT induce vomiting. If conscious, drink plenty of water. Call a physician immediately. If a person vomits when lying on his back, place him in the recovery position.

Most important symptoms and effects, both acute and delayed

- Symptoms : Cough, Blurred vision, Damage, Discomfort, Irritation, Nausea, Lachrymation

Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media : Foam, Dry powder, Carbon dioxide (CO₂), Water spray

Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Advice for firefighters

- Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal precautions : Evacuate personnel to safe areas. Use personal protective equipment.

Environmental precautions

- Environmental precautions : Try to prevent the material from entering drains or water courses.



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Methods and materials for containment and cleaning up

Methods for cleaning up : Sweep up and shovel into suitable containers for disposal. Avoid dust formation. After cleaning, flush away traces with water.

Other information : Dispose of in accordance with local regulations.

Reference to other sections

not applicable

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling : Avoid dust formation in confined areas. For personal protection see section 8. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Protect from contamination. Store in original container. Keep in a dry, cool place.

Advice on common storage : Keep away from: Combustible material Never allow product to get in contact with water during storage.

Storage temperature : 25 °C

Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

If sub-section is empty then no values are applicable.

Exposure controls

Engineering measures : Provide local exhaust ventilation when handling material in bulk.

Eye protection : Tightly fitting safety goggles

Hand protection :
Rubber gloves

Skin and body protection : Wear as appropriate: Apron Boots DuPont™ Tyvek® overall

Hygiene measures : Wash hands before breaks and immediately after handling the product. Regular cleaning of equipment, work area and clothing.

Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form	: powder
Colour	: off-white, light blue
Odour	: characteristic
pH	: 8
Flash point	: not applicable
Oxidizing properties	: The product is not oxidizing.
Solubility in other solvents	: ca. 35 g/l

Other information

no data available

10. STABILITY AND REACTIVITY

Reactivity	: Stable under recommended storage conditions.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: Temperature : > 40 °C Exposure to moisture.
Incompatible materials	: Strong acids and strong bases Powdered metal salts Reducing agents
Hazardous decomposition products	: no data available

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Skin irritation

Method: OECD Test Guideline 404

Sensitisation

Result: Did not cause sensitization on laboratory animals.

Mutagenicity assessment

Animal testing did not show any mutagenic effects.



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- Sodium perborate monohydrate
no data available
- Sodium dodecylbenzenesulfonate
Animal testing did not show any mutagenic effects.

Carcinogenicity assessment

- Sodium perborate monohydrate
no data available
- Sodium dodecylbenzenesulfonate
Animal testing did not show any carcinogenic effects.

Not classifiable as a human carcinogen.

Toxicity to reproduction assessment

- Sodium perborate monohydrate
no data available
- Sodium dodecylbenzenesulfonate
Animal testing did not show any effects on fertility.

Assessment teratogenicity

- Sodium perborate monohydrate
no data available

12. ECOLOGICAL INFORMATION

Toxicity

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Results of PBT and vPvB assessment

no data available

Other adverse effects

Additional ecological information

No data is available on the product itself.



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13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product : Dispose of as special waste in compliance with local and national regulations.
The product should not be allowed to enter drains, water courses or the soil.

Contaminated packaging : If recycling is not practicable, dispose of in compliance with local regulations.

14. TRANSPORT INFORMATION

Further information : Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

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

no data available

Chemical Safety Assessment

no data available

16. OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R 8 Contact with combustible material may cause fire.
R22 Harmful if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.
R36/38 Irritating to eyes and skin.
R37 Irritating to respiratory system.
R41 Risk of serious damage to eyes.
R61 May cause harm to the unborn child.
R62 Possible risk of impaired fertility.

Full text of H-Statements referred to under section 3.

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Other information professional use

Significant change from previous version is denoted with a double bar.



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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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.