



SAFETY DATA SHEET

2Pure

IMPORTANT NOTICE

The information contained in this Safety Data Sheet is to be used in conjunction with the additional information, precautions and instructions for use. It is the responsibility of the employer to ensure that all persons who use or handle this product should have access to, and be aware of, the information contained herein.

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

1.1 Product Identifier

OdorBac Tec⁴ (Fresh Linen); OdorBac Tec⁴

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

Consumer Use (C); Cleaning Products (PC35)

Technical Functions: BIOCIDES; CLEANING AGENT; DEODORIZER

1.3 Details of the Supplier of the Safety Data Sheet

2Pure Products (Distribution) Ltd

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1.4 Emergency Telephone Number

Emergency Only: +44 (0)7956 141414

SECTION 2 Hazards Identification

2.1 Classification of the substance or mixture

OdorBac Tec⁴ (as a mixture) does not meet the criteria for classification in any hazard class according to Regulation (EC) 1272/2008 (CLP). However, this SDS has been prepared as the formulation contains substances that could, if pure, require classification.

2.2 Label Elements

Labelling according to Regulation (EC) 1272/2008 (CLP):

Hazard Pictogram: Not Applicable

Signal Word: Not Applicable

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

2.3 Other Hazards

No substance contained within the OdorBac Tec⁴ formulation meets the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.



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SECTION 3 Composition / Information on Ingredients

3.2 Mixtures

The formulation of OdorBac Tec⁴ contains no substances classified as hazardous, at concentrations >1% w/w; in accordance with Regulation (EC) 1272/2008 (CLP), no further detail is required in this Section.

SECTION 4 First Aid Measures

4.1 Description of First Aid Measures

- INHALATION:** In case of adverse reaction, remove casualty from area of exposure. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If concerned or the victim continues to feel unwell, seek medical attention.
- SKIN CONTACT:** In case of adverse (allergic) reaction, drench the affected area with running water for 10 minutes, or longer if necessary. If concerned, symptoms persist or the victim feels unwell, seek medical attention.
- EYE CONTACT:** Rinse cautiously with running water for 15 minutes. Remove contact lenses if present and easy to do so. If concerned, symptoms persist or the victim feels unwell, seek medical attention.
- INGESTION:** Give 1 pint of water to drink immediately and consult a doctor if deemed necessary. Do not induce vomiting. If concerned or the victim feels unwell, seek medical attention.

First Aider: Recommendations for Personal Protective Equipment

No significant hazard/risk has been identified in respect of the provision of first aid to victim. However, protective gloves are recommended to eliminate/reduce the potential exposure to the first aider.

4.2 Most Important Symptoms and Effects, both acute and delayed

None Identified.

4.3 Indication of any Immediate Attention and Special Treatment Needed

Not applicable, however treatment should be based on relieving the symptoms.

SECTION 5 Fire Fighting Measures

5.1 Extinguishing Media

SUITABLE: Water, Carbon Dioxide, Polymer Foam, Dry Chemical Powder.

UNSUITABLE: Wet Chemical.

5.2 Special Hazards arising from the Substance or Mixture Hazards

May release oxygen on heating.

5.3 Advice for Fire Fighters

Wear standard firefighting protective clothing. No need for the use of specialist equipment is likely.



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SECTION 6 Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

OdorBac Tec⁴ does not represent a hazard in accordance with Regulation (EC) 1272/2008 (CLP).

For Non-Emergency Personnel:

In the event of accidental spills or release:

Follow company spillage instructions;

Prevent OdorBac Tec⁴ from entering drains;

The use of protective gloves is recommended when cleaning up accidental spills; Additional personal protection to prevent contact with eyes and/or contamination of clothing should be considered, commensurate to the size and nature of the spill.

For Emergency Personnel:

See general provisions for Non-Emergency Personnel (above).

6.2 Environmental Precautions

Avoid spilled OdorBac Tec⁴ from entering storm drains or surface waterways.

6.3 Methods and Material for Containment and Cleaning Up

For Containment:

For larger spills, surround the extent of the spill with an inert absorbent material (e.g. sand).

For Cleaning Up:

For small spills, or larger spills that have been contained, take up with inert absorbent material;

Do not return spilled OdorBac Tec⁴ to the original container;

Water is recommended for removal of remaining trace amounts of product OdorBac Tec⁴.

6.4 References to Other Sections

In the event of fire, see provisions within Section 5.

In the event of spillages, treat recovered material as per the provisions in Section 13.

SECTION 7 Handling and Storage

7.1 Precautions for Safe Handling

Advice on General Occupational Hygiene:

Avoid excessive direct inhalation;

Minimise direct contact with skin;

Wash hands (and other exposed areas of skin) thoroughly after use;

Avoid direct contact with eyes;

Do not ingest.

7.2 Conditions for Safe Storage, including any Incompatibilities

Technical Measures and Storage Conditions:

Store in a cool well ventilated area;

Keep containers tightly closed.



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Packaging Materials:

Must only be kept in original packaging.

7.3 Specific End Use(s)

Consumer Use (C); Cleaning Products (PC35)

Technical Functions: BIOCIDES; CLEANING AGENT; DEODORIZER

OdorBac Tec⁴ is a proprietary blend of odour destructive reagents that can also be used as a multi-surface cleaner. The mixture is not intended for further formulation/re-packaging or to be incorporated into an article.

SECTION 8 Exposure Controls / Personal Protection

8.1 Control Parameters

No specific control parameters have been defined for OdorBac Tec⁴.

8.2 Exposure Controls

Engineering Controls:

Refer to instructions for use.

Handle and store with care to avoid spillage.

Personal Protection:

Not a hazard in normal use; no specific personal protective equipment required.

Environmental Precautions:

Avoid spilled material from entering storm drains or surface waterways.

SECTION 9 Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Liquid; Clear pale aqua.
Odour/Threshold:	None.
pH:	3 – 6
Melting point/Freezing Point:	Not available.
Initial Boiling Point/Boiling Point Range:	Not Available.
Flash Point:	Not Available.
Evaporation Rate:	Not Available.
Flammability (solid, gas):	N/A
Upper/Lower Flammability or explosive limits:	N/A
Vapour Pressure:	N/A
Vapour Density:	N/A
Relative Density:	1.015
Solubility(ies):	Not Available.
Partition Coefficient, n-octanol/water:	Not Available.
Auto-ignition Temperature:	N/A
Decomposition Temperature:	Not Available.
Viscosity:	Not Available.
Explosive Properties:	N/A
Oxidising Properties:	N/A



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9.2 Other Information

Miscibility:

Miscible in all proportions.

SECTION 10 Stability and Reactivity

10.1 Reactivity

Not Available.

10.2 Chemical Stability

Under storage at normal conditions (e.g. ambient/room temperature), OdorBac Tec⁴ is stable.

10.3 Possibility of Hazardous Reactions

No hazardous reactions are expected if OdorBac Tec⁴ is used in accordance with the instructions for use.

10.4 Conditions to Avoid

Extremes of temperature and light.

10.5 Incompatible Materials

No known incompatible materials however, as per Section 7, OdorBac Tec⁴ is not intended for further formulation/re-packaging or to be incorporated into an article.

Do not mix with any other chemical product.

10.6 Hazardous decomposition products:

Does not decompose if handled, stored and used in accordance with instructions for use.

May release oxygen on heating.

SECTION 11 Toxicological Information

11.1 Information on Toxicological Effects

OdorBac Tec⁴ (as a mixture) does not meet the criteria for classification in any hazard class according to Regulation (EC) 1272/2008 (CLP). However, this SDS has been prepared as the formulation contains substances that could, if pure, require classification.

Acute Toxicity:

OdorBac Tec⁴ is not expected to be toxic via dermal, oral or inhalation (dust/mists) exposures due to the concentrations of the substances within the formulation.

It is possible that some substances, if pure, could be classified under Acute Tox. 4, H302, H312, H332; however, the ATE for the mixture is >5 and thus not classified as Acute Tox. 4 (as per Table 3.1.1, Part 3, Annex I).

Skin Corrosion/Irritation:

OdorBac Tec⁴ is not expected to result in skin corrosion/irritation exposures due to the concentrations of the substances within the formulation.

It is possible that some substances, if pure, could be classified under Skin Corr. 1A, H314, and Skin Irrit. 2, H315; however, the sum of ingredients for



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	the mixture is not classified as Skin Corr. 1 or Skin Irrit. 2 (as per Table 3.2.3, Part 3, Annex I).
Serious Eye Damage/Irritation:	OdorBac Tec ⁴ is not expected to result in serious eye damage/irritation exposures due to the concentrations of the substances within the formulation. It is possible that some substances, if pure, could be classified under Eye Irrit. 2, H319; however, the sum of ingredients for the mixture is not classified as Eye Irrit. 2 (as per Table 3.3.3, Part 3, Annex I).
Respiratory/Skin Sensitisation:	OdorBac Tec ⁴ is not expected to result in respiratory/skin sensitisation exposures.
Germ Cell Mutagenicity:	OdorBac Tec ⁴ is not germ cell mutagenic.
Carcinogenicity:	OdorBac Tec ⁴ is not carcinogenic.
Reproductive Toxicity:	OdorBac Tec ⁴ is not expected to result in reprotoxic exposures due to the concentrations of the substances within the formulation. It is possible that some substances, if pure, could be classified under Repr. 2, H361; however, the sum of ingredients for the mixture is not classified as Repr. 2 (as per Table 3.7.2, Part 3, Annex I).
STOT-Single Exposure:	OdorBac Tec ⁴ is not expected to result in respiratory irritation (or any other specific organ toxicity) exposures due to the concentrations of the substances within the formulation. It is possible that some substances, if pure, could be classified under STOT SE 3, H335; however, the sum of ingredients for the mixture is not classified as STOT SE 3 (as per Paragraph 3.8.3.4.5, Part 3, Annex I).
STOT-Repeated Exposure:	OdorBac Tec ⁴ is not expected to result in specific organ toxicity due to repeated exposures.
Aspiration Hazard:	OdorBac Tec ⁴ is not expected to result in aspiration hazard exposures.

SECTION 12 Ecological Information

12.1 Toxicity

This product is not expected to cause any significant adverse effects on the environment.

12.2 Persistence and Degradability

OdorBac Tec⁴ is readily biodegradable.

12.3 Bioaccumulative Potential

OdorBac Tec⁴ is not expected to bioaccumulate.

12.4 Mobility in Soil

OdorBac Tec⁴ is fully miscible with water in all proportions therefore could be highly mobile in the presence of groundwater subject to the specific nature of the soil.



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12.5 Results of PBT and vPvB Assessment

No substance contained within the OdorBac Tec⁴ formulation meets the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

12.6 Other Adverse Effects

No further adverse effects have been identified.

SECTION 13 Disposal Considerations

13.1 Waste Treatment Methods

Product Disposal:

The following waste codes may be relevant to disposal requirements:

20 01 29* / 20 01 30

OdorBac Tec⁴

15 02 02* / 15 02 03

Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances / Absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

Hazardous wastes (*) should be stored in suitable secure containers prior to collection by a suitably licensed contractor for disposal at an appropriate facility. Hazardous wastes should never be disposed of in drains, surface water or on land.

Non-hazardous wastes may be disposed of in drains/sewers, subject to prevailing legislation and the holding of any relevant consent/permit.

Packaging Disposal:

Return packaging to the supplier wherever possible for recycling;

Dispose of as normal industrial waste.

Please ensure that you are aware of the possible existence of local, regional or national regulations regarding the disposal of wastes.

SECTION 14 Transport Information

14.1 UN Number

Not available/required.

14.2 UN Proper Shipping Name

Not available/required.

14.3 Transport Hazard Class(es)

Not available/required.

14.4 Packing Group

Not available/required.

14.5 Environmental Hazards

No substance contained within the OdorBac Tec⁴ formulation meets the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII. This product is not expected to cause any significant adverse effects on the environment.

14.6 Special Precautions for User

Not applicable.

14.7 Transport in Bulk According to Annex II of MARPOL and the IBC Code

OdorBac Tec⁴ is not expected to be transported in bulk.



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SECTION 15 Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Regulation (EU) No. 528/2012 concerning the making available on the market and use of biocidal products;

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH);

Regulation (EC) No 1272/2008 on classification, labelling and packaging (CLP) of substances and mixtures.

The regulatory information given above only indicates the principal EU regulations specifically applicable to the product described in this Safety Data Sheet.

The user's attention is drawn to the possible existence of additional, related, provisions (such as national legislation that brings the above EU regulations into force in any particular Member State). Please refer to all applicable local, regional, national and international regulations or provisions.

15.2 Chemical Safety Assessment

No CSA has been carried out for the OdorBac Tec⁴ formulation by the Supplier of the Safety Data Sheet.

SECTION 16 Other Information

General

The application of OdorBac Tec⁴ may lead to floor wetness. Depending on the nature of the floor, and the quantity of application, such wet areas may be slippery and should be suitably marked as slip-hazard areas where appropriate.

Sources of Information

The potential hazards associated with the OdorBac Tec⁴ formulation and the substances therein have been taken from the Harmonised Classifications held by, and notifications made to, the European Chemicals Agency (ECHA)¹.

Procedure for Classification for Mixtures according to Regulation (EC) 1272/2008 (CLP)

The classification of OdorBac Tec⁴ according to Regulation (EC) 1272/2008 (CLP) has been undertaken using the calculation methods defined in Annex I for all hazards considered by the Regulation.

Legal Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. 2pure Products (Distribution) Ltd shall not be held liable for any damage resulting from handling of or from contact with the above product.

¹ <http://echa.europa.eu/information-on-chemicals/registered-substances>
<http://echa.europa.eu/information-on-chemicals/cl-inventory-database>
- accessed February 2016