

SAFETY DATA SHEET **DEOX-GEL**

Revision Number 1
Compilation date: 01/05/15

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ MIXTURE OF THE COMPANY/ UNDERTAKING

1.1 Product Identifier

Product name: Deox-gel

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

Uses of substance / mixture: Rust remover

1.3.Details of the supplier of the safety data sheet

Company name and address:

Bilt Hamber Laboratories Radford Way,
Billericay,
Essex,
CM12 0EG
United Kingdom

Tel: 01277 658899

Email: sales@bilthamber.com

1.4.Emergency telephone number

01277 658899 (office hours only)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification under CLP: None.

Classification according to EU Directive 1999/45/EC:

None

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

Refer to section 16

2.2. Label elements

Labelling according to EU Directive 1999/45/EC:

No significant hazard

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

Refer to section 16

Other hazards:

No other information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixture

Hazardous ingredients: None.

For the wording of the listed R phrases and H statements, refer to section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Skin Contact:

Wash off with water. The application of skin reconditioning (emollient) cream can be beneficial.

Eye contact:

Flush with plenty of clean water for at least 15 minutes. If irritation persists obtain medical attention.

Ingestion:

May cause irritation, drink milk or water.

Inhalation:

Remove to fresh air. If symptoms persist, seek medical advice.

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

No further information available

4.3. Indication of any immediate medical attention or special treatment needed

Treatment:

Treat symptomatically

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SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Foam, dry powder, co2, fine water spray suitable.
Unsuitable extinguishing media: None

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Not classed as flammable, if involved in a fire may emit toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Cool closed containers exposed to the fire with water spray. Prevent water run-off from discharging into drains.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal procedures: Wear protective equipment. Keep unprotected persons away. Use protective clothing, chemical eye goggles and PVC or rubber gloves. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Inform authorities in case of contamination of water or sewage system.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Soak liquid in absorbent material and collect solids in a container. Wash down floor area as spillages can be slippery. Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

6.4. Reference to other sections

Refer to other sections: For personal protection refer to section 8 of SDS.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements:: Avoid contact with skin and eyes. Observe good standards of industrial hygiene. Take note of emission threshold

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep containers tightly closed. Store between 10-35°C. Protect from frost. Do not store in extreme temperatures or near foodstuffs.

7.3. Specific end use(s)

Specific end use(s): To be used as an anti-corrosion treatment

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Workplace exposure limits: WEL's not listed for individual components

8.2. Exposure controls

Respiratory protection: Unlikely to be necessary where adequate ventilation is provided.
Hand protection: PVC or rubber gloves are recommended.
Eye protection: Eye protection should be worn.
Skin protection: Remove contaminated clothing and wash with soap and water.

8.3. Environmental exposure controls

Dispose only in accordance with Local Authority regulations, via authorised waste disposal agent.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Beige gel
Odour:	Bland
Odour threshold:	Not determined
pH:	4.0+/-0.5
Freezing point:	N/A
Initial boiling point and boiling range:	100°C
Flash point:	Not applicable
Evaporation rate:	Not determined
Flammability:	Not flammable
Upper/lower flammability limits:	Not applicable
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	1.00 typical @ 20°C
Solubility:	Soluble in water
Partition coefficient (Oct/Water)	Not determined
Auto ignition temp:	Not applicable
Decomposition temp:	>100°C
Viscosity:	Highly thixotropic
Explosive properties:	Not applicable
Oxidising properties:	Not applicable

9.2. Other information

Other data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No information available.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Hazardous reactions: No information available

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong alkalis. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products: Oxides of carbon, water vapour and unidentified organic and inorganic compounds, some of which may be toxic may be evolved. Product is stale under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Not applicable.

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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Eco toxicity values: No Eco toxicological data available on this mixture

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bio-accumulative potential: Not expected to bioaccumulate.

12.4. Mobility in soil

Mobility: Not known.

12.5. Results of PBT and vPvB assessment

No information.

12.6. Other adverse effects

Not known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product should be disposed of via an authorised waste disposal contractor in accordance with all local and national regulations. Dispose of empty containers in accordance with local and national regulations. Advice can be obtained from the Waste Regulation Authority whether special waste regulations apply to this product.

SECTION 14: TRANSPORT INFORMATION

Transport class: This product does not require a classification for transport.

SECTION 15: REGULATORY INFORMATION

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

Safety data sheet according to Regulation (EC) No. 453/2010.

This mixture has been classified and labelled in accordance with 1999/45/EC. Classification in accordance with EC 1272/2008 is derived from Annex VII in accordance with Article 61 paragraph 5.

1907/2006/EC - Registration, Evaluation, Authorisation and Restriction of Chemicals and amendments.

98/24/EC - Protection of workers from the risk related to chemical agents at work. Refer to Directive for details of requirements.

1272/2008 - Classification, labelling and packaging of substances and mixtures and amendments.

Refer to the relevant EU/national regulation for details of any actions or restrictions required by the above Regulation(s)/Directive(s).

The regulatory information provided may not be comprehensive. Other regulations may apply to this product.

15.2. Chemical safety assessment

No information available at this present time

SECTION 16: OTHER INFORMATION

Other information

This data safety sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used in section 2 and section 3: R36: Irritating to eyes.
R38: Irritation to skin.

Legal disclaimer: The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy themselves that the product is entirely suitable for his purpose. The company shall not be held liable for any damage resulting from handling or from contact with the above product.