

# SAFETY DATA SHEET

## DEOX-C

Revision Number 1  
Compilation date: 01/07/15

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

#### 1.1 Product Identifier

Product name: Deox-C

#### 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.  
Unsuitable extinguishing media:       None

**5.2. Special hazards arising from the substance or mixture**

Not classed as flammable.

**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.  
Eyes:   Eye protection should be worn.  
Hand:   PVC or rubber gloves are recommended.  
Skin:   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**

<b>Appearance:</b>	Crystal white
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic odour
<b>Evaporation rate:</b>	Slow
<b>Oxidising:</b>	Not applicable
<b>Solubility in water:</b>	Soluble
<b>Viscosity:</b>	Non-viscous
<b>Boiling point/range °C:</b>	100
<b>Flammability limits %: lower:</b>	Not applicable
<b>Flash point °C:</b>	>93
<b>Auto flammability °C:</b>	Not applicable
<b>Relative density:</b>	1.080 typical
<b>VOC g/l:</b>	Not applicable
<b>Melting point/range °C:</b>	0
<b>Upper:</b>	Not applicable
<b>Part.coeff. n-octanol/water</b>	No data available
<b>Vapour pressure:</b>	No data available
<b>pH:</b>	Approx. 3.5-4.0

**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 acids. Strong oxidising agents.

**10.6. Hazardous decomposition products**

Hazardous decomposition products: In combustion emits toxic fumes.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

Hazardous ingredients: Not applicable.

**Symptoms / routes of exposure**

Skin contact: There may be irritation and redness at the site of contact.  
 Eye contact: There may be pain and redness. The eyes may water profusely. The vision may become blurred.  
 There may be permanent damage.  
 Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.  
 Inhalation: There may be an irritation of the throat with a feeling of tightness in the chest.  
 Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

Hazardous ingredients: None

**12.2. Persistence and degradability**

Persistence and degradability: Biodegradable.

**12.3. Bioaccumulative potential**

Bio-accumulative potential: No bioaccumulation potential.

**12.4. Mobility in soil**

Mobility: Soluble in water and readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

PBT identification: This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

Other adverse effects: Negligible ecotoxicity.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.  
 NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**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**

**15.2. Chemical safety assessment**

**SECTION 16: OTHER INFORMATION**

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**Other information**

This data safety sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.  
\* Indicates text in the SDS which has changed since last revision.

**Phrases used in section 2 and section 3:**      None

Legend to abbreviations:

PNEC = predicted no effect concentration

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

OPT = optical

INH = inhalation

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.