



## SAFETY DATA SHEET

### BIKE XPERT - DRIVETRAIN CLEANER

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

##### 1.1. Product identifier

**Product name** BIKE XPERT - DRIVETRAIN CLEANER

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

**Identified uses** Degreaser.

**Uses advised against** No specific uses advised against are identified.

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** Starbrite Chemicals Ltd.  
Unit 27, Bolney Grange Business Park,  
Stairbridge Lane,  
Bolney,  
West Sussex,  
RH17 5PB.  
01444 237700  
01444 237701  
enquiries@starbrite.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1444 237 700 (Mon-Fri 8:00am-5:00pm GMT)

**National emergency telephone number** +44 (0)870 600 6266 [UK National Poisons Control Information Service (NPIS) Center]

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H336 Asp. Tox. 1 - H304

**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Hazard pictograms



**Signal word** Danger

**Hazard statements** H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H304 May be fatal if swallowed and enters airways.

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<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P103 Read label before use.</p> <p>P261 Avoid breathing vapour/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P331 Do NOT induce vomiting.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
<b>UFI</b>	UFI: G3KT-00YS-A00S-WC76
<b>Contains</b>	hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
<b>Detergent Labelling</b>	Contains amongst other ingredients: >30% aromatic hydrocarbons , <5% non-ionic surfactants .

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	<b>60-100%</b>
CAS number: 64742-48-9	EC number: 919-857-5
	REACH registration number: 01-2119463258-33-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	Xn; R65. R10, R67
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
<b>2-butoxyethanol</b>	<b>10-30%</b>
CAS number: 111-76-2	EC number: 203-905-0
	REACH registration number: 01-2119475108-36-XXXX
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	

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<b>coconut diethanolamide</b>	<b>1-5%</b>
CAS number: 68603-42-9	EC number: 931-329-6
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	If in doubt, get medical attention promptly.
<b>Inhalation</b>	Get medical attention if any discomfort continues.
<b>Ingestion</b>	Give plenty of water to drink. Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Rinse with water.
<b>Eye contact</b>	Get medical attention if any discomfort continues. Remove affected person from source of contamination. Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 10 minutes.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
<b>Inhalation</b>	May cause discomfort. May be harmful if inhaled.
<b>Ingestion</b>	A single exposure may cause the following adverse effects: Nausea, vomiting. May be harmful if swallowed.
<b>Skin contact</b>	May be harmful in contact with skin. May cause discomfort. Prolonged and frequent contact may cause redness and irritation.
<b>Eye contact</b>	May be slightly irritating to skin and eyes. Prolonged or repeated exposure may cause severe irritation.

#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
<b>Specific treatments</b>	Not applicable.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Not applicable.

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

<b>Specific hazards</b>	The product is non-combustible. None known.
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**Hazardous combustion products** None known.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours.

**Special protective equipment for firefighters** Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with eyes and prolonged skin contact.

### 6.2. Environmental precautions

**Environmental precautions** No negative effects on the aquatic environment are known. Not regarded as dangerous for the environment.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Contain spillage with sand, earth or other suitable non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin, eyes and clothing. Avoid contact with eyes and prolonged skin contact.

**Advice on general occupational hygiene** Clean equipment and the work area every day. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wash contaminated clothing before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep only in the original container. Keep container tightly closed in a cool place.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### 2-butoxyethanol

Long-term exposure limit (8-hour TWA): WEL 25 ppm 123 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 50 ppm 246 mg/m<sup>3</sup>

Sk

Sk = Can be absorbed through the skin.

#### 2-butoxyethanol (CAS: 111-76-2)

**Ingredient comments** WEL = Workplace Exposure Limit

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<b>DNEL</b>	Industry - Dermal; Short term systemic effects: 89 mg/kg/day Industry - Inhalation; Short term systemic effects: 1091 mg/m <sup>3</sup> Industry - Inhalation; Short term local effects: 246 mg/m <sup>3</sup> Industry - Dermal; Long term systemic effects: 125 mg/kg/day Industry - Inhalation; Long term systemic effects: 98 mg/m <sup>3</sup> Consumer - Inhalation; Short term systemic effects: 426 mg/m <sup>3</sup> Consumer - Oral; Short term systemic effects: 26.7 mg/kg/day Consumer - Dermal; Short term systemic effects: 89 mg/kg/day Consumer - Dermal; Long term systemic effects: 75 mg/kg/day Consumer - Inhalation; Long term local effects: 147 mg/m <sup>3</sup> Consumer - Inhalation; Long term systemic effects: 59 mg/m <sup>3</sup> Consumer - Oral; Long term systemic effects: 6.3 mg/kg/day
<b>PNEC</b>	Fresh water; 8.8 mg/l marine water; 0.88 mg/l Sediment (Freshwater); 8.14 mg/kg Sediment (Marinewater); 3.46 mg/kg Soil; 2.8 mg/kg STP; 463 mg/l

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Contact lenses should not be worn when working with this chemical. Chemical splash goggles.

#### Hand protection

Wear protective gloves. To protect hands from chemicals, gloves should comply with European Standard EN374.

#### Other skin and body protection

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

#### Hygiene measures

Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly with soap and water if skin becomes contaminated. Wash contaminated clothing before reuse.

#### Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.

#### Environmental exposure controls

Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Purple.
Odour	Solvent.
pH	pH (concentrated solution): 9.00 - 10.00

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<b>Initial boiling point and range</b>	>35°C
<b>Flash point</b>	60 - 93°C
<b>Relative density</b>	0.79 - 0.81 @ 20°C
<b>Viscosity</b>	Not relevant.

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

##### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

##### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None known.

##### 10.4. Conditions to avoid

**Conditions to avoid** Avoid exposure to high temperatures or direct sunlight. Avoid freezing.

##### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong reducing agents.

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** May emit toxic fumes under fire conditions.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

###### Acute toxicity - oral

**ATE oral (mg/kg)** 5,200.0

###### Acute toxicity - dermal

**ATE dermal (mg/kg)** 4,400.0

###### Acute toxicity - inhalation

**ATE inhalation (vapours mg/l)** 44.0

**Inhalation** Vapours may irritate throat/respiratory system. May be harmful if inhaled.

**Ingestion** May cause discomfort if swallowed. May be harmful if swallowed.

**Skin contact** Prolonged skin contact may cause redness and irritation. May be harmful in contact with skin.

**Eye contact** May cause irritation. May cause serious eye damage.

#### SECTION 12: Ecological information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

##### 12.1. Toxicity

##### 12.2. Persistence and degradability

##### 12.3. Bioaccumulative potential

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### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste product or used containers in accordance with local regulations

## SECTION 14: Transport information

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

## SECTION 15: Regulatory information

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

**EU legislation** Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**General information** Only trained personnel should use this material.

**Issued by** HS&E Manager.

**Revision date** 15/01/2020

**Revision** 1

**SDS number** 8939

**Hazard statements in full** H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.

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**Code**

**Other Information**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.