

Revision Date 02.06.2014

Revision 02



## Motorcycle Cleaner 664/667

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

#### 1.1. Product identifier

Product name                      Motorcycle Cleaner  
Product No.                         664/667

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

Identified uses                      Detergent.

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

Muc-Off Ltd, 1st Floor, Unit 1, Concept Office  
Park, Innovation Close, Poole, Dorset  
BH12 4QT, UK  
Tel: +44 (0)1202 307790  
Fax: +44 (0)1202 746853  
E-mail: info@muc-off.com

#### 1.4. Emergency telephone number

Emergency Contact Number (Office Hours)  
+44 (0)1202 307790

Sds No.                                 13533

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC)     Not classified.

#### 2.2. Label elements

Risk Phrases

NC                                         Not classified.

Safety Phrases

P13                                         Safety data sheet available for professional user on request.

#### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

<b>ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS</b>		<b>1-5%</b>
<b>CAS-No.: 68891-38-3</b>	<b>EC No.: 500-234-8</b>	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	Classification (67/548/EEC) Xi;R38,R41.	
<b>TETRASODIUM EDTA</b>		<b>1-5%</b>
<b>CAS-No.: 64-02-8</b>	<b>EC No.: 200-573-9</b>	<b>Registration Number: 01-2119486762-27</b>
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Dam. 1 - H318	Classification (67/548/EEC) Xn;R20/22. Xi;R41.	

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

#### Composition Comments

The data shown are in accordance with the latest EC Directives.

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

##### General information

General first aid, rest, warmth and fresh air. Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

##### Inhalation

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

##### Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

##### Skin contact

Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if any discomfort continues.

##### Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention promptly if symptoms occur after washing.

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

##### Ingestion

May cause stomach pain or vomiting.

##### Eye contact

May cause temporary eye irritation.

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

Treat Symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

**Extinguishing media**

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture****Hazardous combustion products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Nitrous gases (NO<sub>x</sub>).

**Unusual Fire & Explosion Hazards**

If heated, volume and pressure increases strongly, resulting in explosion of container.

**5.3. Advice for firefighters****Special Fire Fighting Procedures**

Containers close to fire should be removed or cooled with water.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. In case of spills, beware of slippery floors and surfaces.

**6.2. Environmental precautions**

Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**6.4. Reference to other sections**

For personal protection, see section 8.

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Avoid spilling, skin and eye contact. Provide good ventilation.

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

Keep containers tightly closed. Keep in original container.

**7.3. 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**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
GLYCERINE	WEL		10 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

**Ingredient Comments**

WEL = Workplace Exposure Limits

**GLYCERINE (CAS: 56-81-5)****Ingredient Comments**

WEL = Workplace Exposure Limits

**ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS (CAS: 68891-38-3)****DNEL**

Industry	Dermal	Long Term	Systemic Effects	2750 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	175 mg/m3
Consumer	Dermal	Long Term	Systemic Effects	1650 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	52 mg/m3
Consumer	Oral	Long Term	Systemic Effects	15 mg/kg/day

**PNEC**

Freshwater	0.24	mg/l
Marinewater	0.024	mg/l
STP	10000	mg/l
Sediment (Freshwater)	5.45	mg/kg
Sediment (Marinewater)	0.545	mg/kg
Soil	0.946	mg/kg

**8.2. Exposure controls****Protective equipment****Respiratory equipment**

If ventilation is insufficient, suitable respiratory protection must be provided.

**Hand protection**

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Neoprene. EN 374

**Eye protection**

Wear approved safety goggles.

**Other Protection**

Wear suitable protective clothing as protection against splashing or contamination.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Coloured liquid.
<b>Colour</b>	Pink.
<b>Odour</b>	Characteristic.
<b>Solubility</b>	Soluble in water.
<b>Relative density</b>	1.02
<b>pH-Value, Conc. Solution</b>	11

**9.2. Other information**

Not determined.

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

There are no known reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions**

Not determined.

#### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

#### 10.5. Incompatible materials

##### **Materials To Avoid**

Strong oxidising substances.

#### 10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Nitrous gases (NO<sub>x</sub>).

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

##### **Toxicological information**

No information available.

##### **Inhalation**

May cause irritation to the respiratory system.

##### **Ingestion**

Gastrointestinal symptoms, including upset stomach.

##### **Skin contact**

Prolonged contact may cause redness and irritation.

##### **Eye contact**

May cause temporary eye irritation. Spray and vapour in the eyes may cause irritation and smarting.

### SECTION 12: ECOLOGICAL INFORMATION

##### **Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### 12.1. Toxicity

##### **Acute Fish Toxicity**

No data available.

#### 12.2. Persistence and degradability

##### **Degradability**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

#### 12.3. Bioaccumulative potential

##### **Bioaccumulative potential**

No data available.

#### 12.4. Mobility in soil

##### **Mobility:**

The product is soluble in water.

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

This product does not contain any PBT or vPvB substances.

## 12.6. Other adverse effects

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

### **General information**

Do not puncture or incinerate even when empty. Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

**General** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

No information required.

### 14.2. UN proper shipping name

No information required.

### 14.3. Transport hazard class(es)

No information required.

### 14.4. Packing group

No information required.

### 14.5. Environmental hazards

**Environmentally Hazardous Substance/Marine Pollutant**

No.

### 14.6. Special precautions for user

No information required.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

## SECTION 15: REGULATORY INFORMATION

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

#### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

#### **Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

#### **Guidance Notes**

CHIP for everyone HSG(108).

**EU Legislation**

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

<b>SECTION 16: OTHER INFORMATION</b>
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**Revision Comments**

NOTE: Lines within the margin indicate significant changes from the previous revision.

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<b>Revision</b>	02
<b>SDS No.</b>	13533
<b>Safety Data Sheet Status</b>	Approved.
<b>Date</b>	27.09.2011

**Risk Phrases In Full NC**

R20/22	Not classified.
R38	Harmful by inhalation and if swallowed.
R41	Irritating to skin.

**Hazard Statements In Full** Risk of serious damage to eyes.

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H412	Harmful to aquatic life with long lasting effects.