



**SAFETY DATA SHEET**  
BRUSH RESTORER (NEW)

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Compilation date: 04/09/2012

Revision date: 02/03/2018

Revision No: 3

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** BRUSH RESTORER (NEW)

**Product code:** BRUR

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

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

**Company name:** Rustins Ltd

Waterloo Road

Cricklewood

London

NW2 7TX

United Kingdom

**Tel:** +44 (0)208 450 4666

**Fax:** +44 (0)208 452 2008

**Email:** [rustins@rustins.co.uk](mailto:rustins@rustins.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** .+44(0)2084504666 (Office hours only)

**Section 2: Hazards identification**

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

**Classification under CLP:** Acute Tox. 4: H302; Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Flam. Liq. 2: H225; Skin Irrit. 2: H315; STOT SE 2: H371

**Most important adverse effects:** Highly flammable liquid and vapour. Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause damage to organs . Toxic to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H371: May cause damage to organs .

H411: Toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS02: Flame

[cont...]

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GHS07: Exclamation mark

GHS08: Health hazard

GHS09: Environmental



**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

P280: Wear eye protection and protective gloves.

P301+310: IF SWALLOWED: Immediately call a.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P309+311: IF exposed or if you feel unwell: Call a .

## 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### 1,2,4-TRIMETHYLBENZENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
202-436-9	95-63-6	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	28.800%

##### LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

265-199-0	64742-95-6	-	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	19.200%
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##### METHANOL

200-659-6	67-56-1	-	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	5.360%
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## MESITYLENE

203-604-4	108-67-8	-	Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	4.800%
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## XYLENE

215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	4.800%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

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

**Skin contact:** There may be irritation and redness at the site of contact. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** There may be irritation and redness. The fumes may cause temporary loss of vision for up to 24 hours.

**Ingestion:** May cause nausea, vomiting, dizziness and unconsciousness. Aspiration into the lungs after ingestion will cause severe lung damage and may cause fatal pneumonitis.

**Inhalation:** Harmful by inhalation. There may be irritation of nose, throat and respiratory tract. Dizziness, loss of coordination, nausea and vomiting may occur.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Alcohol resistant foam. Water fog.

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

**Exposure hazards:** Highly flammable. In combustion emits toxic fumes of carbon dioxide.

### 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.

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## Section 6: Accidental release measures

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

**Personal precautions:** Eliminate all sources of ignition. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Mechanically ventilate the spillage area whilst avoiding the formation of explosive concentrations - see section 9 of SDS.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Do not use equipment in clean-up procedure which may produce sparks. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Smoking is forbidden. Ensure there is exhaust ventilation of the area. Earth any equipment used in handling. Use non-sparking tools.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids. Avoid incompatible materials and conditions - see section 10 of SDS. Keep away from sources of ignition.

**Suitable packaging:** Do not use plastic containers. Glass. Coated steel.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

1,2,4-TRIMETHYLBENZENE

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA		15 min. STEL	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	125 mg/m <sup>3</sup>	-	-	-

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## METHANOL

UK	266 mg/m3	333 mg/m3	-	-
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## MESITYLENE

UK	25 ppm	-	-	-
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## XYLENE

UK	220 mg/m3	441 mg/m3	-	-
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## DNEL/PNEC Values

**DNEL / PNEC** No data available.

## 8.2. Exposure controls

**Engineering measures:** Ensure there is exhaust ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

**Respiratory protection:** Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Nitrile gloves.

**Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.

**Skin protection:** Protective clothing. PVC apron.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Alcoholic

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Miscible

**Also soluble in:** Most organic solvents.

**Viscosity:** Non-viscous

**Viscosity test method:** Flow time in seconds in a 3 mm ISO cup (ISO 2431)

**Boiling point/range°C:** 42.3

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** -18

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** No data available.

**pH:** No data available.

**VOC g/l:** No data available.

### 9.2. Other information

**Other information:** No data available.

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## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Flames. Sources of ignition. Direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid:** Oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### 1,2,4-TRIMETHYLBENZENE

IPR	RAT	LDLO	1752	mg/kg
ORL	RAT	LD50	5	gm/kg

#### LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

ORL	RAT	LD50	8400	mg/kg
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#### METHANOL

IVN	RAT	LD50	2131	mg/kg
ORL	MUS	LD50	7300	mg/kg
ORL	RAT	LD50	5628	mg/kg

#### MESITYLENE

IPR	GPG	LDLO	1303	mg/kg
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#### XYLENE

ORL	MUS	LD50	2119	mg/kg
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ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

## Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

## Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** There may be irritation and redness. The fumes may cause temporary loss of vision for up to 24 hours.

**Ingestion:** May cause nausea, vomiting, dizziness and unconsciousness. Aspiration into the lungs after ingestion will cause severe lung damage and may cause fatal pneumonitis.

**Inhalation:** Harmful by inhalation. There may be irritation of nose, throat and respiratory tract. Dizziness, loss of coordination, nausea and vomiting may occur.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** Only slightly biodegradable. Biodegradable in part only.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Slightly bioaccumulable.

### 12.4. Mobility in soil

**Mobility:** Highly volatile. Soluble in water. Absorbed only slowly 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:** Toxic to aquatic organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

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**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

UN number: UN1263

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

Transport class: 3

### 14.4. Packing group

Packing group: 1

### 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

### 14.6. Special precautions for user

## 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

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H301: Toxic if swallowed.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H311: Toxic in contact with skin.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H370: Causes damage to organs <or state all organs affected, if known> <state route of

[cont...]



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exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H371: May cause damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H411: Toxic to aquatic life with long lasting effects.

**Legal disclaimer:** Even after washing the rags must never be crumpled into a ball but spread out and disposed of. Use synthetic fibre cloths where possible as natural fibres, especially cotton, increase the chances of spontaneous combustion. This data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.