

# SAFETY DATA SHEET

BLASTWASH STRIPPER

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Compilation date: 18.04.14

Revision date: 15.11.18

Revision No: 4

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

### 1.1. Product identifier

**Product name:** BLASTWASH STRIPPER

**Synonyms:** ALLOY WHEEL STRIPPER

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

**Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers.

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

**Company name:** Blast Wash(UK) Ltd

24 Baron Avenue

Earls Barton

Northamptonshire

NN6 0JE

United Kingdom

**Tel:** +44 (0) 1604 811505

**Fax:** +44 (0) 1604 812707

**Email:** [info@blast-wash.co.uk](mailto:info@blast-wash.co.uk)

### 1.4. Emergency telephone number

**Emergency tel:** +44 (0) 7725 819653

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Acute Tox. 2: H300; Acute Tox. 3: H311; STOT SE 1: H370; Carc. 2: H351; Skin Corr. 1A: H314

**Most important adverse effects:** Fatal if swallowed. Toxic in contact with skin. Causes severe skin burns and eye damage. Suspected of causing cancer. Causes damage to organs.

### 2.2. Label elements

**Label elements:**

**Hazard statements:** H300: Fatal if swallowed.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H351: Suspected of causing cancer.

H370: Causes damage to organs.

**Hazard pictograms:** GHS05: Corrosion

GHS06: Skull and crossbones

GHS08: Health hazard

[cont...]

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**Signal words:** Danger

**Precautionary statements:** P260: Do not breathe vapours.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.  
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting  
P302+P352: IF ON SKIN: Wash with plenty of water.  
P361+P364: Take off immediately all contaminated clothing and wash it before reuse.

### 2.3. Other hazards

**Other hazards:** Danger of serious damage to health by prolonged exposure.

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

DICHLOROMETHANE - REACH registered number(s): 01-2119480404-41-0000

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-838-9	75-09-2	-	Carc. 2: H351	70-90%

METHANOL - REACH registered number(s): 01-2119433307-44-0030

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	10-30%
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HYDROFLUORIC ACID 60% - REACH registered number(s): 01-2119458860-33

231-634-8	7664-39-3	-	Acute Tox. 1: H300; Acute Tox. 2: H310; Eye Dam. 1: H318; Skin Corr. 1A: H314; Acute Tox. 2: H330	1-10%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Seek Medical Attention Apply Calcium Gluconate HF burn gel to affected areas. Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

**Eye contact:** Seek Medical Attention Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary.

[cont...]

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If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

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

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Calcium Gluconate Gel should be available for First Aid treatment of skin burns. Show this safety data sheet to the doctor in attendance.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

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

**Exposure hazards:** Corrosive Material. May form toxic gases on heating or in case of fire. Hydrogen chloride gas, Hydrogen fluoride, Phosgene.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Fire fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

## Section 6: Accidental release measures

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

**Personal precautions:** Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Evacuate the area immediately. Refer to section 8 of SDS for personal protection details.

[cont...]

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### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

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

**Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. 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

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** PC9a: Coatings and paints, thinners, paint removers.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

#### DICHLOROMETHANE

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	350 mg/m <sup>3</sup>	1,060 mg/m <sup>3</sup>	-	-

#### METHANOL

UK	266 mg/m <sup>3</sup>	333 mg/m <sup>3</sup>	-	-
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#### HYDROFLUORIC ACID 60%

UK	1.5 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>	-	-
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### DNEL/PNEC Values

**DNEL / PNEC** No data available.

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### 8.2. Exposure controls

**Engineering measures:** Use of Local Exhaust Ventilation is Mandatory.

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

**Hand protection:** Chemical resistant gauntlets and gloves ( EN 374 ). Breakthrough time of the glove material > 4 hours.

**Eye protection:** Tightly fitting safety goggle ( EN 166 ). Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Environmental:** Refer to specific Member State legislation for requirements under Community environmental legislation.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Off-white

**Odour:** Characteristic odour

**Evaporation rate:** Moderate

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Slightly soluble

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

**Viscosity:** Non-viscous

**Boiling point/range°C:** 43

**Melting point/range°C:** < -10C

**Flammability limits %: lower:** Not applicable.

**upper:** Not applicable.

**Flash point°C:** Not applicable.

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

**Autoflammability°C:** Not applicable.

**Vapour pressure:** No data available.

**Relative density:** 1.190

**pH:** <2

**VOC g/l:** 975g/l

### 9.2. Other information

**Other information:** No data available.

## 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. Decomposition may occur on exposure to conditions or materials listed below.

[cont...]

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### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Hot surfaces. Flames.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

##### DICHLOROMETHANE

ORAL	HMN	LDLO	357	mg/kg
ORAL	RAT	LD50	1600	mg/kg

##### METHANOL

DERMAL	RBT	LD50	15800	mg/kg
ORAL	RAT	LD50	5628	mg/kg
VAPOURS	RAT	4H LC50	64000	ppmV

##### HYDROFLUORIC ACID 60%

IHL	RAT	1H LC50	1276	ppmV
INH	HMN	30M LDLO	50	ppmV
INH	MUS	1H LC50	342	ppmV

#### Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 3)	DRM	Hazardous: calculated
Acute toxicity (ac. tox. 2)	ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Carcinogenicity	--	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

**Eye contact:** Corneal burns may occur. May cause permanent damage.

**Ingestion:** Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

**Inhalation:** There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

[cont...]

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**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### Section 12: Ecological information

#### 12.1. Toxicity

**Hazardous ingredients:**

##### METHANOL

Daphnia magna	48H EC50	24500	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	19000	mg/l

#### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

#### 12.4. Mobility in soil

**Mobility:** 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.

**Recovery operations:** Solvent reclamation/regeneration.

**Waste code number:** 08 01 21

**Disposal of packaging:** 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

#### 14.1. UN number

**UN number:** UN2922

#### 14.2. UN proper shipping name

**Shipping name:** TOXIC LIQUID, CORROSIVE, INORGANIC, N.O.S.

Contains: Dichloromethane,

(DICHLOROMETHANE; METHANOL; HYDROFLUORIC ACID)

[cont...]

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## 14.3. Transport hazard class(es)

Transport class: 6.1 (8)

## 14.4. Packing group

Packing group: III

## 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

## 14.6. Special precautions for user

Special precautions: Use of Local Exhaust Ventilation is mandatory

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

Transport in bulk: Non-applicable

## Section 15: Regulatory information

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

**Specific regulations:** Professional users only, refer to ANNEX XVII TO REACH - Conditions of restriction, Entry 59. Control of Substances Hazardous to Health Regulations 2002 (COSHH). Applicable EU Directives are the Chemical Agents at Work Directive 98/24/EC and the Carcinogens and Mutagens at Work Directive 2004/37/EC.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** Methylene Chloride - Category 2 Carcinogen (GHS/CLP system), a substance which causes concern for man owing to possible Carcinogenic effects.  
Contains Hydrofluoric Acid / Acid Derivatives, Calcium Gluconate gel should be available as First Aid treatment for skin burns.  
Restricted to professional users, refer to ANNEX XVII TO REACH - Entry 59.  
Use of Local Exhaust Ventilation is Mandatory.  
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.  
This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.  
This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

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

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H300: Fatal if swallowed.

H301: Toxic if swallowed.

H310: Fatal in contact with skin.

H311: Toxic in contact with skin.

H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage.

H330: Fatal if inhaled.

H331: Toxic if inhaled.

H351: Suspected of causing cancer.

H370: Causes damage to organs.

**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.