



SAFETY DATA SHEET
THINNERS & SOLVENTS - GUNWASH
F H Brundle Product Ref.: 29GW05
Date of issue: 17 May 2016

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

1.1 Product identifier

Product name: Gunwash
Product code: 29GW05
Other means of identification: Not available

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: F H Brundle
Lamson Road
Ferry Lane North
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UK

Tel: +44 (0) 1708 253545
Fax: +44 (0) 1708 253550
Email: sales@brundle.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 1282 834545 (Mon- Fri 08:30 - 16:30)
Web: www.fhbrundle.co.uk

Section 2: Hazards identification

2.1. Classification of the substance or mixture

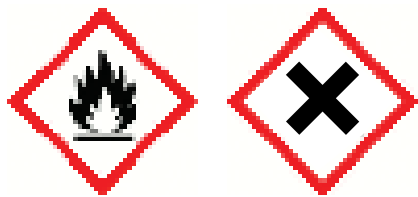
Classification under CHIP: F: R11; Xn: R20/21/22; Xi: R36/38; Sens.: R43; Xn: R48/20; Xn: R63; Xn: R65

Most important adverse effects: Highly flammable. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed.

2.2 Label elements

Label elements under CHIP:

Hazardous symbols:



Highly flammable

Harmful

Risk phrases:

R11: Highly flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R63: Possible risk of harm to the unborn child.

R65: Harmful: may cause lung damage if swallowed.

Safety phrases:

S2: Keep out of the reach of children.

S36/37: Wear suitable protective clothing and gloves.

S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

2.3 Other hazards

Other hazards:

In use, may form flammable / explosive vapour-air mixture

PBT:

This substance is not identified as a PBT substance

Section 3: Composition/information on ingredients

3.1 Mixtures

Hazardous ingredients:

RECLAIMED XYLENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
215-535-7	1330-20-7	Xi: R38; Xn: R20/21; -: R10	–	10 - 30%

TOLUENE

203-625-9	108-88-3	F: R11; Xi: R38; Xn: R48/20; Xn: R63; Xn: R65; -: R67	–	10 - 30%
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ETHANOL

200-578-6	64-17-5	F: R11 Substance with a Community workplace exposure limit	–	1 - 10%
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ETHYL METHYL KETONE

201-159-0	78-93-3	F: R11; Xi: R36; -: R66; -: R67	–	1 - 10%
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PROPYL ACETATE

203-686-1	109-60-4	F: R11; Xi: R36; -: R66; -: R67	–	1 - 10%
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METHYL ACRYLATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
202-500-6	96-33-3	F: R11; Xn: R20/21/22; Xi: R36/37/38; Sens.: R43	–	1 - 10%

N-BUTYL ACETATE

204-658-1	123-86-4	-: R10; -: R66; -: R67 Substance with a Community workplace exposure limit	–	10 - 30%
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ACETONE

200-662-2	67-64-1	F: R11; Xi: R36; -: R66; -: R67	–	1 - 10%
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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. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor
Ingestion:	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. 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.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.
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:	Not applicable.
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Section 5: Fire-fighting measures

5.1 Extinguishing media

Extinguishing media:	Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers
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5.2 Special hazards arising from the substance or mixture

Exposure hazards:

Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

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.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions:

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2 Environmental precaution

Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and materials for containment and cleaning up

Clean-up procedures:

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

6.4 Reference to other sections

Reference to other sections:

Refer to section 8 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. Smoking is forbidden. Use non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:

Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

7.3 Specific end use(s)

Specific end use(s):

No data available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Hazardous ingredients:

RECLAIMED XYLENE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15min. STEL	8 hour TWA	15min. STEL
UK	441mg/m ³	662 mg/m ³	–	–

TOLUENE

State	8 hour TWA	15min. STEL	8 hour TWA	15min. STEL
UK	191 mg/m ³	574 mg/m ³	–	–

ETHANOL

State	8 hour TWA	15min. STEL	8 hour TWA	15min. STEL
UK	1920 mg/m ³	–	–	–

ETHYL METHYL KETONE

State	8 hour TWA	15min. STEL	8 hour TWA	15min. STEL
UK	600 mg/m ³	899 mg/m ³	–	–

PROPYL ACETATE

State	8 hour TWA	15min. STEL	8 hour TWA	15min. STEL
UK	849 mg/m ³	1060 mg/m ³	–	–

METHYL ACRYLATE

State	8 hour TWA	15min. STEL	8 hour TWA	15min. STEL
UK	36 mg/m ³	–	–	–

N-BUTYL ACETATE

State	8 hour TWA	15min. STEL	8 hour TWA	15min. STEL
UK	724 mg/m ³	966 mg/m ³	–	–

ACETONE

State	8 hour TWA	15min. STEL	8 hour TWA	15min. STEL
UK	1810 mg/m ³	3620 mg/m ³	–	–

8.2 Exposure controls

Engineering measures:

Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection:

Self-contained breathing apparatus must be available in case of emergency.

Hand protection:

Impermeable gloves.

Eye protection:

Safety glasses. Ensure eye bath is to hand.

Skin protection:

Impermeable protective clothing.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State:	Liquid
Viscosity:	Non-viscous
Boiling point/range°C:	>35
pH:	Approx. 7
Flash point°C:	<21

9.2 Other information

Section 10: Stability and reactivity

10.1 Reactivity

Reactivity:	Stable under recommended transport or storage conditions.
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10.2 Chemical stability

Chemical stability:	Stable under normal conditions. Stable at room temperature.
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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.
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10.4 Conditions to avoid

Conditions to avoid:	Heat. Hot surfaces. Sources of ignition. Flames.
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10.5 Incompatible materials

Materials to avoid:	Strong oxidising agents. Strong acids.
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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

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM ING	Hazardous: calculated
Irritation	OPT DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated
Repeated dose toxicity	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation:	There may be 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

Ecotoxicity values:	Not applicable.
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12.2 Persistence and degradability

Persistence and degradability:	Biodegradable.
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12.3 Bioaccumulative potential

Bioaccumulative potential:	No bioaccumulation potential.
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12.4 Mobility in soil

Mobility:	Readily absorbed into soil.
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12.5 Results of PBT and vPvB assessment

PBT identification:	This substance is not identified as a PBT substance.
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12.6. Other adverse effects

Other adverse effects:	Negligible ecotoxicity.
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Section 13: Disposal considerations

13.1 Waste treatment methods

NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
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Section 14: Transport information

14.1 UN number

UN number:	UN1307
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14.2 UN proper shipping name

Shipping name:	XYLENES
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14.3 Transport hazard class(es)

Transport class: 3

14.4 Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

14.6 Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

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

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.

Other information

Other information:

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

Phrases used in s.2 and 3:

R10: Flammable.

R11: Highly flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R20/21: Harmful by inhalation and in contact with skin.

R36/37/38: Irritating to eyes, respiratory system and skin.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R38: Irritating to skin.

R43: May cause sensitisation by skin contact.

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R63: Possible risk of harm to the unborn child.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

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.

Disclaimer

IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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July 2021



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