

Marley Alutec

Unit 1 (G-H) Viking Industrial Park, Hudson Road, Elms Farm Industrial Estate, Bedford, MK41 0LZ

Tel: 01234 359438 Fax: 01234 357199

E-Mail: information@marleyalutec.co.uk**SAFETY DATA SHEET**Revision date: 29th January 2018

Revision: 2

Replaces: 20th September 2017**Marley Alutec Solvent Cleaner****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product name: MARLEY ALUTEC SOLVENT CLEANER
Product code: SC108
Synonyms: ZSOLVSIROBULK (17A)

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

Use of substance / mixture: At this time we do not yet have information on identified uses. They will be included in this safety data sheet when available. At this moment we have not identified any uses advised against.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Marley Alutec
Unit 1 (G-H), Viking Industrial Park
Hudson Road
Elms Farm Industrial Estate
Bedford
MK41 0LZ
Tel: 01234 359438
Fax:01234 357199

Further information obtainable from: www.marleyalutec.co.uk
information@marleyalutec.co.uk

1.4 Emergency telephone number

Emergency Tel: 01234 359438 (Office Hours Only: 08:30 – 17:00)

Section 2: Hazards identification**2.1 Classification of the substance or mixture**

Classification under CLP: Aquatic Chronic 2: H411; Flam. Liq. 2: H225; STOT SE 3: H336; Asp. Tox. 1: H304;
Skin Irrit. 2: H315; -: EUH066

Most important adverse effects: Highly flammable liquid and vapour. May be fatal if swallowed and enters airways.
May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.
Repeated exposure may cause skin dryness or cracking.

2.2 Label elements

Hazard statements: H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.
EUH066: Repeated exposure may cause skin dryness or cracking.

Signal words: Danger

Hazard pictograms: GHS02: Flame
GHS08: Health hazard
GHS07: Exclamation mark
GHS09: Environmental



Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/Physician.
P261: Avoid breathing vapours.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P273: Avoid release to the environment.

2.3 Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.
PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients:

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-151-9	64742-49-0	-	Asp. Tox. 1: H304; Flam. Liq. 1: H224; Skin Irrit. 2: H315; Aquatic Chronic 2: H411; Muta. 1B H340; Carc.1B H350	30-50%

N-BUTYL ACETATE - REACH registered number(s): 01-2119485493-29

204-658-1	123-86-4	Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	10-30%
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ETHANOL - REACH registered number(s): 01-2119475610-43

200-578-6	64-17-5	Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225	10-30%
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LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY

265-185-4	64742-82-1	-	Asp. Tox. 1: H304; Flam. Liq. 3: H226; Aquatic Chronic 2: H411; Muta. 1B H340; Carc.1B H350; STOT RE 1 H372	1-10%
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2-BUTOXYETHANOL

203-905-0	111-76-2	-	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
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METHANOL - REACH registered number(s): 01-2119433307-44

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	<1%
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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:** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.
- Ingestion:** Wash out mouth with water. If patient is conscious, give water to drink. If patient feels unwell, seek medical advice. **DO NOT INDUCE VOMITING.**
- Inhalation:** Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

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.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. 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: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1 Extinguishing media

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

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 precautions

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

6.3 Methods and material 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.

Suitable packaging: Original container stored in a dry and cool place.

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:

N-BUTYL ACETATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	724	966	-	-

ETHANOL

UK	1920 mg/m ³	-	-	-
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2-BUTOXYETHANOL

UK	25 ppm	50 ppm	-	-
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METHANOL

UK	266 mg/m ³	333 mg/m ³	-	-
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DNEL / PNEC Values

DNEL / PNEC: No data available

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. In case of insufficient ventilation, where exposure to high concentrations of vapour is possible, suitable respiratory protective equipment with positive air supply should be used.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Impermeable gloves, change regularly to avoid permeation problems. Ensure gloves are manufactured/tested in accordance with BS EN 374.

Eye protection: Safety goggles. Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

Environmental: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State:	Liquid		
Colour:	Colourless		
Odour:	Hydrocarbon		
Evaporation rate:	No data available.		
Oxidising:	No data available.		
Solubility in water:	Slightly soluble		
Also soluble in:	Acetone.		
Viscosity:	No data available		
Boiling point/range°C:	78.4-115.4	Melting point/range°C:	No data available.
Flammability limits %: lower:	3.3	upper:	19.0
Flash point°C:	12	Part.coeff. n-octanol/water:	No data available.
Autoflammability°C:	>230	Vapour pressure:	5.8 kPa
Relative density:	0.774	pH:	Approx 7
VOC g/l:	No data available.		

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. Stable at room temperature.

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.

10.4 Conditions to avoid

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

10.5 Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

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

Section 11: Toxicological information

11.1 Information on toxicological effects

N-BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg
ORL	RAT	LD50	7060	mg/kg

2-BUTOXYETHANOL

IVN	RAT	LD50	307	mg/kg
ORL	MUS	LD50	1230	mg/kg
ORL	RAT	LD50	470	mg/kg

METHANOL

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

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	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.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1 Toxicity

Ecotoxicity values: No data available.

12.2 Persistence and degradability

Persistence and degradability: No data available.

12.3 Bioaccumulative potential

Bioaccumulative potential: No data available.

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: No data available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Transfer to a suitable container and 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: UN1993

14.2 UN proper shipping name

Shipping name: FLAMMABLE LIQUID, N.O.S.
(Hydrocarbons, C7-C9,n-alkanes,isoalkanes,cyclics,butyl acetate, ethanol)

14.3 Transport hazard class(es)

Transport class: 3

14.4 Packing group

Packing group: II

14.5 Environmental hazards

Environmentally hazardous: Yes **Marine pollutant:** Yes

14.6 Special precautions for user

Special precautions:	No special precautions.
Tunnel code:	D/E
Transport category:	2

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 453/2010.

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

Phrases used in s.2 and 3:

- EUH066: Repeated exposure may cause skin dryness or cracking.
- H224: Extremely flammable liquid and vapour.
- 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.
- H336: May cause drowsiness or dizziness.
- H340: May cause genetic defects
- H350: May cause cancer
- H370: Causes 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>.
- H372: Causes damage to organs through prolonged or repeated exposure
- H411: Toxic to aquatic life with long lasting effects.

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.