



SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) 2015/830

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

1.1. Product identifier

Product Name Meon ProTack
Contains n-butyl acetate

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

Identified Uses Aerosol applied specialist coating
For industrial/professional use only.

Recommended restrictions No information available

1.3. Details of the supplier of the safety data sheet

Supplier Meon Ltd.
Railside
Northarbour Spur
Portsmouth
PO6 3TU

+44 (0) 23 9220 0606
mail@meonuk.com

1.4. Emergency Telephone Number

Emergency telephone +44 (0) 808 118 1922

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) [CLP/GHS] Aerosol 1 - H222, H229

Health Hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H335, H336 STOT RE 2 - H373

Additional information For full text of Hazard and EU Hazard statements: see Section 16.

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2.2. Label elements Hazard pictogr



Signal word

Danger

Hazard statement(s)

H220 - Extremely flammable gas.
H222 – Extremely flammable aerosol.
H229 – Pressurised container: may burst if heated.
H280 – Contains gas under pressure; may explode if heated.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H340 - May cause genetic defects
H350 - May cause cancer.
H351 - Suspected of causing cancer.
H335 - May cause respiratory irritation.
H336 - May cause drowsiness or dizziness
H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statement(s)

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 – Do not pierce or burn, even after use.
P260 – Do not breathe vapour / spray.
P271 – Use only outdoors or in a well ventilated area.
P308+P313 IF exposed or concerned: Get medical advice / attention.
P410+P412 Protect form sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P102 – Keep out of reach of children.
P280 Wear protective clothing and gloves.
P501 - Dispose of contents/container to an authorised waste collection point.
RCH002a Restricted to professional users.

Supplemental label information

EUH066 - Repeated exposure may cause skin dryness or cracking.

Contains

DICHLOROMETHANE

2.3. Other hazards

Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical Name	CAS No. EC No.	Classification	Conc.
DICHLOROMETHANE	75-09-2 200-838-9	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Carc. 2 – H351 STOT SE 3, H335, H336 STOT RE 2 – H373 GHS08	60-100 %

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PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS	68476-85-7 270-704-2	Flam. Gas 1A - H220 Press. Gas (Liq.) - H280 Carc. 1A – H350 Muta. 1B – H340 GHS04 GHS02 GHS08 Dgr	30-60 %

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

4.1. Description of first aid measures

General information	Move affected person to fresh air at once.
Inhalation	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for Breathing. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.
Ingestion	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.
Skin contact	Remove contaminated clothes immediately and wash skin with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Extremely flammable. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build-up.
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5.3. Advice for firefighters

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Protective actions during firefighting

Cool containers exposed to heat with water spray and remove from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of Vapours.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material.

Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion.

6.4. Reference to other sections Absorb spillage in suitable inert material

Reference to other sections

For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions on safe handling

Usage precautions

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray on naked flame or any incandescent material.

7.2. Conditions for safe storage, including any incompatibilities

Store in a tightly – closed, original container in a dry cool and well-ventilated place.

7.3. Specific end use(s)

The identified uses for the product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits:

DICHLOROMETHANE

Long-term exposure limit (8-hour TWA): WEL 100 ppm (Sk) 350 mg/m³(Sk)

Short-term exposure limit (15 minutes): WEL 300 ppm (Sk) 1060 mg/m³(Sk)

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³

Short-term exposure limit (15 minutes): WEL 1250 ppm 2180 mg/m³

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

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CAS: 75-09-2	DICHLOROMETHANE
Industry - Inhalation; Short term systemic effects: 353 mg/m ³ Industry - Dermal; Long term systemic effects: 2395 mg/kg/day Industry - Dermal; Long term local effects: 88.3 mg/m ³ Industry - Oral; Long term local effects: 0.06 mg/kg/day Consumer - Inhalation; Short term systemic effects: 706 mg/m ³ Consumer - Dermal; Long term systemic effects: 4750 mg/kg/day Consumer - Inhalation; Long term systemic effects: 353 mg/m ³	

PNEC

CAS: 75-09-2	DICHLOROMETHANE
- Fresh water; 0.54 mg/l - marine water; 0.194 mg/l - Intermittent release; 0.27 mg/l - Sediment (Freshwater); 4.47 mg/kg - Sediment (Marinewater); 1.61 mg/kg - Soil; 0.583 mg/kg - STP; 26 mg/l	

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Personal protection equipment

Do not smoke when using product.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.



Eye/Face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.



Hand protection

Due to packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.



Hygiene measures

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. Wash hands thoroughly after handling.

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SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol
Colour	Off white
Odour	Organic solvents
Initial boiling point and boiling range	-40 to -2°C @ 1013 hPa
Flash Point	<-40°C
Lower flammability or explosive limits	Lower: 1.8% - Upper 9.5%
Vapour pressure	ca. 590 to 1760 kPa @ 45°C
Vapour density	ca. 1.5 at 15°C
Auto-ignition temperature	410-580°C
Comments	Information given is applicable to the major ingredient

9.2. Other Information

Other information	No information available
Volatile organic compound	This product contains a maximum VOC content of 736 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Avoid the following conditions: Heat, sparks, flames.

10.3. Possibility of hazardous reactions

Does not decompose when used and stored as recommended.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Keep away from oxidising materials, heat and flames.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapours.

SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Acute Toxicity Based on available data, the classification criteria are not met.

Chemical Name	LD50 (oral, rat)	LC50 (inhalation, rat)	LD50 (dermal, rabbit)	ATE Inhalation
DICHLOROMETHANE	2000 mg/kg	86 mg/l	17 600 mg/kg	86 mg/l

SECTION 12: Ecological information

12.1. Toxicity

Not available.

Ecological information on ingredients

Toxicity

Not available.

Acute aquatic toxicity

Acute toxicity – fish

Chemical Name	
DICHLOROMETHANE	LC ₅₀ , 96 hours: 193 mg/l, Pimephales promelas (Fat-head Minnow)
	LC ₅₀ , 96 hours: 220 mg/l, Lepomis macrochirus (Bluegill)
	LC ₅₀ , 96 hours: 97 mg/l, Marinewater fish
	LC ₅₀ , 96 hours: 193 mg/l, Freshwater fish

Acute toxicity – aquatic Invertebrates

Chemical Name	
DICHLOROMETHANE	EC ₅₀ , 48 hours: 480 mg/l, Daphnia magna
	LC ₅₀ , 48 hours: 109 mg/l, Marinewater invertebrates
	LC ₅₀ , 48 hours: 27 mg/l, Freshwater invertebrates

Acute toxicity – aquatic plants

Chemical Name	
DICHLOROMETHANE	NOEC, 192 hours: 550 mg/l, Freshwater algae
	IC ₅₀ , 72 hours: >662 mg/l, Algae

Acute toxicity - microorganisms

Chemical Name	
DICHLOROMETHANE	EC ₈₀ : 2590 mg/l, Activated sludge

12.2. Persistence and degradability

Not available.

Ecological information on ingredients

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DICHLOROMETHANE

Persistence and degradability

Not available.

Phototransformation

Supplier's information.
Calculated as, Air - DT₅₀: 79.3 days
Photochemically oxidised in the troposphere.

Stability (hydrolysis)

Not hydrolysed under normal environmental conditions.

Biodegradation

- Half-life: 0.8 g/l, per hour

12.3. Bioaccumulative potential

Not available.

DICHLOROMETHANE

Bioaccumulative potential	Bioaccumulation is unlikely to be significant because of the low water-solubility of this product. BCF: < 100,
Partition coefficient	log Kow: 1.25

12.4. Mobility in Soil

Not known.

12.5. Results of PBT and vPvB assessment

Not available.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal considerations

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2000/532/EC.

13.1. Waste treatment methods

General Information

Do not puncture or incinerate, even when empty.

Waste disposal

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Empty containers must not be punctured or incinerated because of the risk of an explosion.

SECTION 14: Transport information

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General

This product is packed in accordance with the Limited Quality Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities. Aerosols not so packed and labelled must show the following.

14.1. UN number

ADR	1950
IMDG	1950
ICAO	1950

14.2. UN proper shipping name

ADR	Aerosols
IMDG	Aerosols
ICAO	Aerosols

14.3. Transport hazard class(es)



ADR/RID class	2.1
ADR/RID label	3
IMDG class	
ICAO class/division	2.1

14.4. Packing group

Not applicable.

14.5. Environmental hazards

14.6. Special precautions for user

Tunnel restriction code (D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended). EH40/2005 Workplace exposure limits. The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
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15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Meon ProTack

Hazard statements in full

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated.

H280 Contains gas under pressure; may explode if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.