

This safety data sheet was created pursuant to the requirements of:
UK REACH Regulations (SI 2019/758 as amended)

Revision date 16-Jun-2026

Revision Number 1

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

1.1. Product identifier

Product Code(s) 127888

Safety data sheet number 127888

Product Name UPOL GLOSS BLACK PAINT

Pure substance/mixture Mixture

Contains LIQUEFIED PETROLEUM GAS; ACETONE; n-BUTYL ACETATE ; BUTANONE; HYDROCARBONS C9 AROMATICS; REACTION MASS OF ETHYLBENZENE AND M-XYLENE AND P-XYLENE; 2-METHOXY-1-METHYLETHYL ACETATE

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

Recommended use Coatings
For professional users only

1.3. Details of the supplier of the safety data sheet

Supplier
Univar Solutions UK Ltd
Aquarius House
6 Mid Point Business Park
Bradford
GBR

For further information, please contact

E-mail address SDS.EMEA@univarsolutions.com

Non-Emergency Telephone Number +44 1274 267300 / +44 1274 267306

1.4. Emergency telephone number

Emergency Telephone SGS - +32 (0)3 575 55 55 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Aerosols	Category 1 - (H222, H229)
Serious eye damage/eye irritation	Category 2 - (H319)
Specific target organ toxicity — single exposure	Category 3 - (H336)
Category 3 Narcotic effects	

2.2. Label elements

Contains LIQUEFIED PETROLEUM GAS; ACETONE; n-BUTYL ACETATE ; BUTANONE; HYDROCARBONS C9 AROMATICS; REACTION MASS OF ETHYLBENZENE AND M-XYLENE AND P-XYLENE; 2-METHOXY-1-METHYLETHYL ACETATE

**Signal word**

Danger

Hazard statements

H319 - Causes serious eye irritation

H336 - May cause drowsiness or dizziness

H222 - Extremely flammable aerosol

H229 - Pressurised container: May burst if heated

EUH208 - Contains A MIXTURE OF:

A-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYL-Ω-HYDROXYPOLY(OXYETHYLENE); A-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYL-Ω-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYLOXYPOLY(OXYETHYLENE); REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE.

May produce an allergic reaction.

EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary statements

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

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Unknown aquatic toxicity

Contains 0 % of components with unknown hazards to the aquatic environment.

2.3. Other hazards

Causes mild skin irritation.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable

3.2 Mixtures

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
LIQUEFIED PETROLEUM GAS 68476-85-7	>=25-<=50%	270-704-2	-	Flam. Gas 1A (H220) Press. Gas (Comp.) (H280)	-	-	-

ACETONE 67-64-1	>=25-<=50%	200-662-2	-	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336) (EUH066)	-	-	-
n-BUTYL ACETATE 123-86-4	<=10%	204-658-1 (607-025-00-1)	-	Flam. Liq. 3 (H226) STOT SE 3 (H336) (EUH066)	-	-	-
BUTANONE 78-93-3	<=5%	201-159-0 (606-002-00-3)	01-1376353405-7-XXX X	Flam. Liq. 2 (H225) Eye Irrit. 2 (H319) STOT SE 3 (H336) (EUH066)	-	-	-
HYDROCARBONS C9 AROMATICS 128601-23-0	<2.5%	918-668-5	-	Flam. Liq. 3 (H226) STOT SE 3 (H335) (H336) Asp. Tox. 1 (H304) Aquatic Chronic 2 (H411)	-	-	-
REACTION MASS OF ETHYLBENZENE AND M-XYLENE AND P-XYLENE -	<=3%	905-562-9	-	Flam. Liq. 3 (H226) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) STOT SE 3 (H335) STOT RE 2 (H373) Asp. Tox. 1 (H304)	-	-	-
2-METHOXY-1-ME THYLETHYL ACETATE 108-65-6	<=3%	203-603-9 (607-195-00-7)	-	Flam. Liq. 3 (H226) STOT SE 3 (H336)	-	-	-
REACTION MASS OF BIS(1,2,2,6,6-PENT AMETHYL-4-PIPER IDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAME THYL-4-PIPERIDYL SEBACATE 1065336-91-5	<0.1%	915-687-0	-	Skin Sens. 1A (H317) Repr. 2 (H361) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-	-	-
A MIXTURE OF: A-3-(3-(2H-BENZOT RIAZOL-2-YL)-5-TE RT-BUTYL-4-HYDR OXYPHENYL)PRO PIONYL-Ω-HYDRO XYPOLY(OXYETHY LENE); A-3-(3-(2H-BENZOT RIAZOL-2-YL)-5-TE RT-BUTYL-4-HYDR OXYPHENYL)PRO PIONYL-Ω-3-(3-(2H -BENZOTRIAZOL-2 -YL)-5-TERT-BUTY L-4-HYDROXYPHE NYL)PROPIONYLO XYPOLY(OXYETHY LENE) -	<0.1%	400-830-7	-	Skin Sens. 1A (H317) Aquatic Chronic 2 (H411)	-	-	-

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (UK REACH Article 59)

SECTION 4: First aid measures**4.1. Description of first aid measures**

General advice	Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. Rinse mouth thoroughly with water. If breathing is irregular or stopped, administer artificial respiration. IF exposed or concerned: Get medical advice/attention.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.
Skin contact	Wash skin with soap and water. In the case of skin irritation or allergic reactions see a doctor.
Ingestion	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a doctor.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Avoid contact with skin, eyes or clothing.

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

Symptoms	May cause redness and tearing of the eyes. Burning sensation. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged contact may cause redness and irritation.
Inhalation	Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
Eyes	Burning sensation. May cause redness and tearing of the eyes.
Dermal	The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin. Repeated exposure may cause skin dryness or cracking.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

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

Note to doctors	Treat symptomatically.
------------------------	------------------------

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO ₂). Water spray. Alcohol resistant foam.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

Hazardous combustion products Carbon oxides. Nitrogen oxides (NOx).

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Cool containers with flooding quantities of water until well after fire is out.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Avoid breathing dust/fume/gas/mist/vapours/spray.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment Keep out of drains, sewers, ditches and waterways. Stop leak if you can do it without risk. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other

ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapours or mists. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Ensure that eyewash stations and safety showers are close to the workstation location.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. See section 10 for more information.

7.3. Specific end use(s)**Specific use(s)**

See section 1 for more information.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure Limits**

Chemical name	United Kingdom
LIQUEFIED PETROLEUM GAS 68476-85-7	TWA: 1000 ppm TWA: 1750 mg/m ³ STEL: 1250 ppm STEL: 2180 mg/m ³
ACETONE 67-64-1	STEL: 500 ppm STEL: 1210 mg/m ³ STEL: 3620 mg/m ³ STEL: 1500 ppm
n-BUTYL ACETATE 123-86-4	TWA: 150 ppm TWA: 724 mg/m ³ STEL: 200 ppm STEL: 966 mg/m ³
BUTANONE 78-93-3	TWA: 200 ppm TWA: 600 mg/m ³ STEL: 300 ppm STEL: 899 mg/m ³ Sk*
2-METHOXY-1-METHYLETHYL ACETATE 108-65-6	TWA: 50 ppm TWA: 274 mg/m ³ STEL: 100 ppm STEL: 548 mg/m ³ Sk*

Biological occupational exposure limits

Chemical name	United Kingdom
BUTANONE 78-93-3	70 µmol/L - urine (Butan-2-one) - post shift

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
LIQUEFIED PETROLEUM GAS 68476-85-7		23.4 mg/kg bw/day [4] [6]	
ACETONE 67-64-1		186 mg/kg bw/day [4] [6]	1210 mg/m ³ [4] [6] 2420 mg/m ³ [5] [7]
n-BUTYL ACETATE 123-86-4		11 mg/kg [4] [6] 11 mg/kg [4] [7]	300 mg/m ³ [4] [6] 300 mg/m ³ [5] [6] 600 mg/m ³ [4] [7] 600 mg/m ³ [5] [7]
BUTANONE 78-93-3		1161 mg/kg [4] [6]	600 mg/m ³ [4] [6]
HYDROCARBONS C9 AROMATICS 128601-23-0		25 mg/kg/bw/day [4] [6]	150 mg/m ³ [4] [6]
2-METHOXY-1-METHYLETHYL ACETATE 108-65-6		796 mg/kg bw/day [4] [6]	275 mg/m ³ [4] [6] 550 mg/m ³ [5] [7]
REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPE RIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERID YL SEBACATE 1065336-91-5		0.5 mg/kg bw/day [4] [6]	0.68 mg/m ³ [4] [6]

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
ACETONE 67-64-1	62 mg/kg bw/day [4] [6]		200 mg/m ³ [4] [6]
n-BUTYL ACETATE 123-86-4	2 mg/kg [4] [6] 2 mg/kg [4] [7]	6 mg/kg [4] [6] 6 mg/kg [4] [7]	35.7 mg/m ³ [4] [6] 35.7 mg/m ³ [5] [6] 300 mg/m ³ [4] [7] 300 mg/m ³ [5] [7]
BUTANONE 78-93-3	31 mg/kg [4] [6]	412 mg/kg [4] [6]	106 mg/m ³ [4] [6]
2-METHOXY-1-METHYLETHYL ACETATE 108-65-6	36 mg/kg bw/day [4] [6]		33 mg/m ³ [4] [6] 33 mg/m ³ [5] [6]
REACTION MASS OF	0.05 mg/kg bw/day [4] [6]		0.17 mg/m ³ [4] [6]

Chemical name	Oral	Dermal	Inhalation
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE 1065336-91-5			

[4]	Systemic health effects.
[5]	Local health effects.
[6]	Long term.
[7]	Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
ACETONE 67-64-1	10.6 mg/L	21 mg/L	1.06 mg/L		
n-BUTYL ACETATE 123-86-4	0.18 mg/L	0.36 mg/L	0.018 mg/L		
BUTANONE 78-93-3	55.8 mg/l	55.8 mg/l	55.8 mg/l		
2-METHOXY-1-METHYLETHYL ACETATE 108-65-6	0.635 mg/L	6.35 mg/L	0.0635 mg/L		
REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE 1065336-91-5	0.0022 mg/L	0.009 mg/L	0.00022 mg/L		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
ACETONE 67-64-1	30.4 mg/kg sediment dw	3.04 mg/kg sediment dw	100 mg/L	29.5 mg/kg soil dw	
n-BUTYL ACETATE 123-86-4	0.981 mg/kg	0.098 mg/kg	35.6 mg/L	0.09 mg/kg	
BUTANONE 78-93-3	284.7 mg/kg	284.7 mg/kg	709 mg/l	22.5 mg/kg	1000 mg/kg food
2-METHOXY-1-METHYLETHYL ACETATE 108-65-6	3.29 mg/kg sediment dw	0.329 mg/kg sediment dw	100 mg/L	0.29 mg/kg soil dw	
REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE 1065336-91-5	1.05 mg/kg sediment dw	0.11 mg/kg sediment dw	1 mg/L	0.21 mg/kg soil dw	

8.2. Exposure controls

Engineering controls Apply technical measures to comply with the occupational exposure limits. Use explosion-proof ventilating equipment. Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment

Eye/face protection Tight sealing safety goggles. Use eye protection according to EN ISO 16321-1.

Hand protection Impervious gloves. Wear suitable gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374.

Gloves			
Duration of contact	PPE - Glove material	Glove thickness	Break through time
	Nitrile rubber	0.2 mm	<1 hours
Short term	Nitrile rubber	>=0.5 mm	

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. ABEK2P3. According to standard EN 14387.

General hygiene considerations Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid
Appearance Liquid
Colour Black
Odour Characteristic.
Odour threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point		No information available.
Initial boiling point and boiling range		No information available.
Flammability		No information available.
Flammability Limit in Air		No information available.
Upper flammability or explosive limits	12.8%	
Lower flammability or explosive limits	1.2%	
Flash point	- 60 °C	CC (closed cup).
Autoignition temperature	280 °C	No information available.
Decomposition temperature		No information available.
pH		No information available.
pH (as aqueous solution)		No information available.
Kinematic viscosity		No information available.
Dynamic viscosity		No information available.
Water solubility	Soluble in water	No information available.

Solubility(ies)		No information available.
Partition coefficient		No information available.
Vapour pressure	1163.27 mm Hg	No information available.
Relative density	0.676 g/cm ³	No information available.
Bulk density		No information available
Liquid Density	No information available	No information available
Relative vapour density		No information available.
Particle characteristics		No information available.
Particle Size	No information available	
Particle Size Distribution	No information available	
Explosive properties	No information available	
Oxidising properties	No information available	
9.2. Other information		
VOC content	92.4 % (w/w)	

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under recommended storage conditions.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Flammable liquid and vapour. Vapours may form explosive mixtures with air. Keep away from the following materials to prevent strong exothermic reactions: Strong acids. Strong bases. Strong oxidising agents.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. static discharge (electrostatic discharge).

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Carbon oxides. Nitrogen oxides (NO_x).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information on likely routes of exposure

Product Information

Inhalation Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. May cause irritation of respiratory tract. May cause drowsiness or dizziness.

Eye contact	Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	May cause redness and tearing of the eyes. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Prolonged contact may cause redness and irritation.
-----------------	--

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal)	110,000.00 mg/kg
ATEmix (inhalation-vapour)	1,100.00 mg/l
ATEmix (inhalation-dust/mist)	7.27 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
ACETONE	= 5800 mg/kg (Rat)	> 15800 mg/kg (Rabbit)	= 76 mg/l (Rat) 4h
n-BUTYL ACETATE	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	= 0.74 mg/L (Rat) 4 h
BUTANONE	= 2193 mg/kg (Rat)	> 8049 mg/kg (Rabbit)	= 32 mg/l (Mouse) 4h
HYDROCARBONS C9 AROMATICS	= 3500 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	> 10.2 mg/l (Rat) 4h
REACTION MASS OF ETHYLBENZENE AND M-XYLENE AND P-XYLENE	3523 mg/kg	1100 mg/kg	-
2-METHOXY-1-METHYLETHYL ACETATE	6190 mg/kg (Rat)	>5000 mg/kg	> 1728 ppm (4 h)
REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE	3230 mg/kg	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Repeated exposure may cause skin dryness or cracking.
----------------------------------	---

ACETONE (67-64-1)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Repeated exposure may cause skin dryness or cracking

n-BUTYL ACETATE (123-86-4)

Method	Species	Exposure route	Effective dose	Exposure time	Results
Similar to OECD 404	Rabbit	Dermal			Not classified

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Prolonged contact may cause slight skin irritation with local redness Dryness and/or cracking

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

n-BUTYL ACETATE (123-86-4)

Method	Species	Exposure route	Effective dose	Exposure time	Results
OECD 405	Rabbit	eye			Not classified

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Effects may be slow to heal. Corneal injury is unlikely Vapor may cause eye irritation experienced as mild discomfort and redness.

Respiratory or skin sensitisation The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

n-BUTYL ACETATE (123-86-4)

Method	Species	Exposure route	Results
OECD 406	Mouse	Dermal	Not classified
OECD 406	Guinea pig	Dermal	Not classified

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Exposure route	Results
	Guinea pig	Dermal	Not a skin sensitiser

Germ cell mutagenicity No information available.

Component Information

n-BUTYL ACETATE (123-86-4)

Method	Species	Results
	in vitro	Negative
	in vivo	Negative

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Results
	in vitro	Negative
		Negative Did not show mutagenic effects in animal experiments

Carcinogenicity No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Reproductive toxicity No information available.

n-BUTYL ACETATE (123-86-4)

Method	Species	Results
OECD 416	Rat	Not classified
OECD 414	Rat	Not classified

STOT - single exposure May cause drowsiness or dizziness.

n-BUTYL ACETATE (123-86-4)

Method	Species	Exposure route	Effective dose	Exposure time	Results
		Inhalation			May cause drowsiness or dizziness
	Rat	Inhalation	2.6 mg/L	4 hours	May cause damage to organs
	human data	Inhalation			May cause drowsiness or dizziness
		Oral			May cause drowsiness or dizziness

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
		Inhalation			May cause respiratory irritation May cause drowsiness or dizziness respiratory tract Central nervous system

2-METHOXY-1-METHYLETHYL ACETATE (108-65-6)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					Narcotic effects

STOT - repeated exposure No information available.

Component Information

n-BUTYL ACETATE (123-86-4)

Method	Species	Exposure route	Effective dose	Exposure time	Results
	Rat	Inhalation	2.4 mg/L	14 weeks	Not classified
	Rabbit	Inhalation	7.26 mg/L	13 days	Not classified

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Exposure route	Effective dose	Exposure time	Results
					In animals, effects have been reported on the following

					organs: Blood Kidney Liver
					Narcotic effects

Aspiration hazard No information available.

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity The environmental impact of this product has not been fully investigated.

Unknown aquatic toxicity Contains 0 % of components with unknown hazards to the aquatic environment.

n-BUTYL ACETATE (123-86-4)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
Similar to OECD Test No. 203: Fish, Acute Toxicity Test	Fish	LC50	18 mg/L	96 hours	Harmful to aquatic life
	activated sludge	NOEC	1200 mg/L	24 hours	
	Bacteria	EC50	959 mg/L	18 hours	
	Crustacea	LC50	32 mg/L	48 hours	
	Green Algae	ErC50	647.7 mg/L	72 hours	
	Water flea	EC50	72.8 mg/L	24 hours	

BUTANONE (78-93-3)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
	Fish	LC50	5.7 mg/L	96 hours	

HYDROCARBONS C9 AROMATICS (128601-23-0)

Method	Species	Endpoint type	Effective dose	Exposure time	Results
OECD Test No. 203: Fish, Acute Toxicity Test or Equivalent.	Oncorhynchus mykiss (rainbow trout)	LC50	9.2 mg/L	96 hours	
	Mysidopsis bahia	LC50	2.0 mg/L	96 hours	
	Pseudokirchneriella subcapitata	ErC50	2.9 mg/L	72 hours	
	Colinus virginianus	LC50	> 6500 mg/kg	8 days	
	Colinus virginianus	LD50	> 2150 mg/kg	21 days	

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
REACTION MASS OF ETHYLBENZENE AND M-XYLENE AND P-XYLENE	-	LC50: 2.6 mg/l [96 hr]	-	EC50: 6.14 mg/l [48 hr]
REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE	-	LC50: 0.9 mg/l [96 hr]	-	NOEC: 1 mg/l [21 Days]
A MIXTURE OF:	-	LC50: 2.8 mg/l [96 hr]	-	EC50: 4 mg/l [48 hr]

A-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYL-Ω-HYDROXYPOLY(OXYETHYLENE); A-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYL-Ω-3-(3-(2H-BENZOTRIAZOL-2-YL)-5-TERT-BUTYL-4-HYDROXYPHENYL)PROPIONYLOXYPOLY(OXYETHYLENE)				
---	--	--	--	--

12.2. Persistence and degradability

Persistence and degradability No information available.

n-BUTYL ACETATE (123-86-4)

Method	Exposure time	Value	Results
OECD Test No. 301D: Ready Biodegradability: Closed Bottle Test (TG 301 D)	28 days	98% Biodegradation	Readily biodegradable

HYDROCARBONS C9 AROMATICS (128601-23-0)

12.3. Bioaccumulative potential

Bioaccumulation No information available.

Component Information

Chemical name	Partition coefficient
LIQUEFIED PETROLEUM GAS	2.8
ACETONE	-0.24
n-BUTYL ACETATE	2.3
BUTANONE	0.29
2-METHOXY-1-METHYLETHYL ACETATE	1.2
REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE	2.77

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
LIQUEFIED PETROLEUM GAS	The substance is not PBT / vPvB
ACETONE	The substance is not PBT / vPvB
n-BUTYL ACETATE	The substance is not PBT / vPvB
BUTANONE	The substance is not PBT / vPvB
HYDROCARBONS C9 AROMATICS	The substance is not PBT / vPvB
2-METHOXY-1-METHYLETHYL ACETATE	The substance is not PBT / vPvB
REACTION MASS OF BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL	The substance is not PBT / vPvB

SEBACATE

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Waste from residues/unused products**

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

Contaminated packaging

Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

SECTION 14: Transport information**IATA**

14.1 UN number or ID number	UN1950
14.2 UN proper shipping name	AEROSOLS, FLAMMABLE
14.3 Transport hazard class(es)	2.1
14.4 Packing group	Not regulated
14.5 Environmental hazards	No
14.6 Special precautions for user	
Special Provisions	A145, A167, A802
ERG Code	10L

IMDG

14.1 UN number or ID number	UN1950
14.2 UN proper shipping name	AEROSOLS
14.3 Transport hazard class(es)	2.1
14.4 Packing group	Not regulated
14.5 Environmental hazards	No
14.6 Special precautions for user	
Special Provisions	63,190, 277, 327, 344, 381, 959
EmS-No	F-D, S-U
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	UN1950
14.2 UN proper shipping name	AEROSOLS
14.3 Transport hazard class(es)	2.2
14.4 Packing group	Not regulated
14.5 Environmental hazards	No
14.6 Special precautions for user	
Special Provisions	190, 327, 344, 625
Classification code	5A

ADR

14.1 UN number or ID number	UN1950
14.2 UN proper shipping name	AEROSOLS
14.3 Transport hazard class(es)	2.2
14.4 Packing group	Not regulated
14.5 Environmental hazards	No
14.6 Special precautions for user	

Special Provisions 327, 625, 344, 190
 Classification code 5A
 Tunnel restriction code (E)

SECTION 15: Regulatory information

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

National regulations

Authorisations and/or restrictions on use:

This product contains one or more substances subject to restriction (UK REACH - Annex XVII).

This product does not contain substances subject to authorisation (UK REACH - Annex XIV).

Product restricted per REACH Annex XVII: 3

Chemical name	Restricted substance per REACH Annex XVII	Substance subject to authorisation per REACH Annex XIV
ACETONE - 67-64-1	3, 40, 75	-

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Dangerous substance category per COMAH Regulations 2015 (as amended)

P3a - FLAMMABLE AEROSOLS

Named dangerous substances per COMAH Regulations 2015 (as amended)

Chemical name	Lower-tier requirements (tons)	Upper-tier requirements (tons)
LIQUEFIED PETROLEUM GAS - 68476-85-7	50	200

The Ozone-Depleting Substances Regulations 2015

Not applicable

The Biocidal Products Regulations 2001 (as amended)

Not applicable

The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)

Not applicable

Poisons Act 1972 (Explosive Precursors) Regulations (as Amended)

Chemical name	Poisons and Explosive Precursors
ACETONE	Explosive precursor, Reportable

International Inventories

TSCA

Contact supplier for inventory compliance status

DSL/NDL

Contact supplier for inventory compliance status

EINECS/ELINCS

Contact supplier for inventory compliance status

ENCS

Contact supplier for inventory compliance status

IECSC

Contact supplier for inventory compliance status

KECI

Contact supplier for inventory compliance status

PICCS

Contact supplier for inventory compliance status

AIIC

Contact supplier for inventory compliance status

NZIoC

Contact supplier for inventory compliance status

Legend:**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AIIC** - Australian Inventory of Industrial Chemicals**NZIoC** - New Zealand Inventory of Chemicals**15.2. Chemical safety assessment****Chemical Safety Report**

Not applicable

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

EUH066 - Repeated exposure may cause skin dryness or cracking

H220 - Extremely flammable gas

H225 - Highly flammable liquid and vapour

H226 - Flammable liquid and vapour

H280 - Contains gas under pressure; may explode if heated

H304 - May be fatal if swallowed and enters airways

H312 - Harmful in contact with skin

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H335 - May cause respiratory irritation

H336 - May cause drowsiness or dizziness

H361 - Suspected of damaging fertility or the unborn child

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

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average)

STEL

STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

*

Skin designation

+ Sensitisers

Revision Note **Not applicable****Classification procedure**

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Method Used

Acute oral toxicity

Calculation method

Acute dermal toxicity

Calculation method

Acute inhalation toxicity - gas

Calculation method

Acute inhalation toxicity - vapour

Calculation method

Acute inhalation toxicity - dust/mist

Calculation method

Skin corrosion/irritation

Calculation method

Serious eye damage/eye irritation

Calculation method

Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
Environmental Protection Agency
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Prepared By K Winter

Revision date 16-Jun-2026

**This material safety data sheet complies with the requirements of UK REACH Regulations (SI 2019/758 as amended)
Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

End of Safety Data Sheet