

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 23/11/2017 Revision date: 23/11/2020 Supersedes: 13/04/2017 Version: 1.3

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

Product identifier

Product form : Mixture : FDS1-Aerosol Product name Type of product : Aerosol Vaporizer : Aerosol

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial

For professional use only

1.2.2. Uses advised against

No additional information available

Details of the supplier of the safety data sheet

Wessex Chemical Factors

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Emergency telephone number

Emergency number : 0044 7973629367

SECTION 2: Hazards identification

Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229 H315 Skin corrosion/irritation, Category 2 Serious eye damage/eye irritation, Category H319 H336

Specific target organ toxicity — Single

exposure, Category 3, Narcosis

Aspiration hazard, Category 1

H304

Hazardous to the aquatic environment —

H411

Chronic Hazard, Category 2

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness. Causes skin irritation. Causes serious eye irritation. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

Label elements

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

Hazard pictograms (CLP)







GHS02

GHS07

GHS08

GHS09

Signal word (CLP) : Danger

Hazardous ingredients : propan-2-ol, isopropyl alcohol, isopropanol; Hydrocarbons, C6, isoalkanes, <5% n-hexane

Hazard statements (CLP) : H222 - Extremely flammable aerosol.

> H229 - Pressurised container: May burst if heated. H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation. H319 - Causes serious eve irritation. H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

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P251 - Do not pierce or burn, even after use.

P261 - Avoid breathing mist, spray, vapours.

P264 - Wash hands thoroughly after handling.

P271 - Use only outdoors or in a well-ventilated area.

P273 - Avoid release to the environment.

P280 - Wear eye protection, protective gloves, protective clothing.

P301+P310 - IF SWALLOWED: Immediately call a doctor, a POISON CENTER.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P312 - Call a doctor, a POISON CENTER if you feel unwell.

P321 - Specific treatment (see supplemental first aid instruction on this label)

P331 - Do NOT induce vomiting.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P405 - Store locked up.

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

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C6, isoalkanes, <5% n-hexane	(CAS-No.) 64742-49-0 (EC-No.) 931-254-9	>= 50	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Petroleum gases, liquefied, Petroleum gas, [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).] (contains <0.1% 1,3-butadiene) (Note K)	(CAS-No.) 68476-85-7 (EC-No.) 270-704-2 (EC Index-No.) 649-202-00-6	30 - 40	Flam. Gas 1, H220 Press. Gas (Comp.), H280
propan-2-ol, isopropyl alcohol, isopropanol	(CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0	10 - 20	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

Note K: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w 1,3-butadiene (EINECS No 203-450-8). If the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P210-P403 (Table 3.1) or the S-phrases (2-)9-16 (Table 3.2) should apply. This note applies only to certain complex oil-derived substances in Part 3.

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general
First-aid measures after inhalation

- : Never give anything by mouth to an unconscious person. Call a physician immediately.
- : Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

First-aid measures after skin contact

Take off contaminated clothing. Gently wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact

Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a physician

immediately.

Most important symptoms and effects, both acute and delayed

Symptoms/effects : May cause drowsiness or dizziness. Symptoms/effects after inhalation : May cause drowsiness or dizziness.

Symptoms/effects after skin contact · Irritation Symptoms/effects after eye contact : Eye irritation. Symptoms/effects after ingestion Risk of lung oedema.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media : Sand. Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

: Pressurised container: May burst if heated. Explosion hazard

Hazardous decomposition products in case of

: Toxic fumes may be released.

Advice for firefighters 5.3.

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Do not enter fire area without proper protective equipment, including respiratory protection. Do Protection during firefighting

not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with

proper protection. Avoid breathing dust/fume/gas/mist/vapours/spray. For further information

refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area

Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect

spillage. Mechanically recover the product. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

Reference to other sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling

Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective

equipment.

Wash hands and other exposed areas with mild soap and water before eating, drinking or Hygiene measures

smoking and when leaving work. Wash contaminated clothing before reuse. Do not eat, drink or

smoke when using this product. Always wash hands after handling the product.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked

up.

Incompatible products : Strong bases. Strong acids. Strong oxidizing agents.

Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)		
United Kingdom	Local name	Propan-2-ol
United Kingdom	WEL TWA (mg/m³)	999 mg/m³ (8 hours)
United Kingdom	WEL TWA (ppm)	400 ppm (8 hours)
United Kingdom	WEL STEL (mg/m³)	1250 mg/m³ (15 minutes)
United Kingdom	WEL STEL (ppm)	500 ppm (15 minutes)
United Kingdom	Remark (WEL)	Can be absorbed through the skin
United Kingdom	Regulatory reference	EH40. HSE

Petroleum gases, liquefied, Petroleum gas, [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).] (contains <0.1% 1,3-butadiene) (68476-85-7)

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United Kingdom	Local name	Liquefied petroleum gas
United Kingdom	WEL TWA (mg/m³)	1750 mg/m³
United Kingdom	WEL TWA (ppm)	1000 ppm
United Kingdom	WEL STEL (mg/m³)	2810 mg/m³
United Kingdom	WEL STEL (ppm)	1250 ppm
United Kingdom	Remark (WEL)	Carc (Capable of causing cancer and/or heritable genetic damage. See paragraphs 49–51) (only applies if LPG contains more than 0.1% of buta-1,3-diene)
United Kingdom	Regulatory reference	EH40. HSE

Exposure limit values for the other components

n-hexane (110-54-3)			
EU	Local name	n-Hexane	
EU	IOELV TWA (mg/m³)	72 mg/m³	
EU	IOELV TWA (ppm)	20 ppm	
EU	Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC	
United Kingdom	Local name	n-Hexane	
United Kingdom	WEL TWA (mg/m³)	72 mg/m³	
United Kingdom	WEL TWA (ppm)	20 ppm	
United Kingdom	Regulatory reference	EH40. HSE	

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Avoid all unnecessary exposure. Protective goggles. Gloves.

Materials for protective clothing:

EN 13034. Flame retardant antistatic protective clothing

Hand protection:

Wear protective gloves.

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
	Butyl rubber	6 (> 480 minutes)	0.5 mm		EN 374

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Eye protection:

Chemical goggles or safety glasses. Standard EN 166 - Personal eye-protection.

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

Device	Filter type	Condition	Standard
Half-face mask (DIN EN 140)	Type A - High-boiling (>65 °C) organic compounds	Vapour protection	EN 140

Personal protective equipment symbol(s):





Environmental exposure controls:

Avoid release to the environment

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Appearance : Aerosol. Colour : Colourless. Odour : characteristic. Odour threshold No data available No data available рΗ Relative evaporation rate (butylacetate=1) : No data available Melting point : Not applicable Freezing point : No data available Boiling point : No data available

Flash point : < 0 °C
Auto-ignition temperature : No data available

Decomposition temperature : No data available : No data available

Flammability (solid, gas) : Extremely flammable aerosol.

Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available

Solubility : In water, material is partially soluble.

Log Pow : No data available

Viscosity, kinematic : ~ 1 cSt

Viscosity, dynamic : No data available

Explosive properties : Pressurised container: May burst if heated.

Oxidising properties : No data available Explosive limits : No data available

9.2. Other information

VOC content : 100 %

Gas group : Compressed gas

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

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10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
LD50 oral rat	5840 mg/kg
LD50 dermal rabbit	13900 mg/kg
LC50 inhalation rat (mg/l)	> 25 mg/l Vapour (6 hours)

Petroleum gases, liquefied, Petroleum gas, [A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximately -40 °C to 80 °C (-40 °F to 176 °F).] (contains <0.1% 1,3-butadiene) (68476-85-7)

LC50 inhalation rat (mg/l) 20 mg/l/4h

Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0)	
LD50 oral rat	> 5840 mg/kg
LD50 dermal rabbit	> 2920 mg/kg
LC50 inhalation rat (mg/l)	> 25.2 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Additional information : Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Additional information : Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Additional information : Based on available data, the classification criteria are not met

Aspiration hazard : May be fatal if swallowed and enters airways.

Additional information : Based on available data, the classification criteria are not met

FDS1-Aerosol	
Vaporizer	Aerosol
Viscosity, kinematic	~ 1 mm²/s

Potential adverse human health effects and : Based on available data, the classification criteria are not met.

symptoms

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.

Ecology - water : Toxic to aquatic life with long lasting effects.

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

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propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
LC50 fish 1	9640 mg/l Fathead Minnow (Pimephales promelas)
EC50 72h algae (1)	> 100 mg/l
Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0)	
LC50 fish 1	> 13.4 mg/l Rainbow trout (Oncorhynchus mykiss)
EC50 Daphnia 1	3 mg/l
EC50 72h algae (1)	29 mg/l

12.2. Persistence and degradability

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
Persistence and degradability Readily biodegradable.	
Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0)	
Persistence and degradability	Readily biodegradable.

12.3. **Bioaccumulative potential**

FDS1-Aerosol	
Bioaccumulative potential	Not established.
propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	
Log Pow	0.05
Bioaccumulative potential	No bioaccumulation.

Mobility in soil 12.4.

propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)		
Ecology - soil	Very mobile. Soluble material/quickly disperses in water.	
Hydrocarbons, C6, isoalkanes, <5% n-hexane (64742-49-0)		
Ecology - soil	Product evaporates when in contact with the air.	
12.5. Results of PBT and vPvB assessment		

Component	
propan-2-ol, isopropyl alcohol, isopropanol (67-63-0)	PBT: not relevant – no registration required vPvB: not relevant – no registration required

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions. Dispose in a safe manner in accordance with local/national regulations. Dispose of Product/Packaging disposal recommendations

contents/container to hazardous or special waste collection point, in accordance with local,

regional, national and/or international regulation.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

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UN-No. (ADR) : 1950 : Not regulated UN-No. (IMDG) UN-No. (IATA) : Not regulated UN-No. (ADN) : Not regulated UN-No. (RID) : Not regulated

UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS Proper Shipping Name (IMDG) : Not regulated Proper Shipping Name (IATA) : Not regulated Proper Shipping Name (ADN) : Not regulated Proper Shipping Name (RID) : Not regulated

Transport document description (ADR) : UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS

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14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 2.1 Danger labels (ADR) : 2.1



IMDG

Transport hazard class(es) (IMDG) : Not regulated

IATA

Transport hazard class(es) (IATA) : Not regulated

ADN

Transport hazard class(es) (ADN) : Not regulated

RID

Transport hazard class(es) (RID) : Not regulated

14.4. **Packing group**

Packing group (ADR) : Not applicable : Not regulated Packing group (IMDG) : Not regulated Packing group (IATA) Packing group (ADN) : Not regulated : Not regulated Packing group (RID)

Environmental hazards

Dangerous for the environment : Yes Marine pollutant : Yes

Other information : No supplementary information available

Special precautions for user 14.6.

- Overland transport

: 5F Classification code (ADR)

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 11 Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP02 : PP87, RR6, L2 Special packing provisions (ADR)

Mixed packing provisions (ADR) : MP9 Transport category (ADR) : 2 Special provisions for carriage - Packages : V14 (ADR)

Special provisions for carriage - Loading,

unloading and handling (ADR)

: CV9, CV12

Special provisions for carriage - Operation

: S2

(ADR)

Tunnel restriction code (ADR) : D

- Transport by sea

Not regulated

- Air transport

Not regulated

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- Inland waterway transport

Not regulated

- Rail transport

Not regulated

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 100 %

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending

Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:

Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aspiration hazard, Category 1
Serious eye damage/eye irritation, Category 2
Flammable gases, Category 1
Flammable liquids, Category 2
Gases under pressure : Compressed gas
Skin corrosion/irritation, Category 2
Specific target organ toxicity — Single exposure, Category 3, Narcosis
Extremely flammable gas.
Extremely flammable aerosol.
Highly flammable liquid and vapour.
Pressurised container: May burst if heated.
Contains gas under pressure; may explode if heated.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Toxic to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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