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## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

<b>Skin contact:</b>	Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
<b>Eye contact:</b>	Bathe the eye with running water for 15 minutes. Consult a doctor.
<b>Ingestion:</b>	Do not induce vomiting. Consult a doctor.
<b>Inhalation:</b>	Move to fresh air in case of accidental inhalation of vapours.

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

<b>Skin contact:</b>	There may be mild irritation at the site of contact.
<b>Eye contact:</b>	There may be irritation and redness.
<b>Ingestion:</b>	There may be soreness and redness of the mouth and throat.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b>Delayed / immediate effects:</b>	No data available.

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

<b>Immediate / special treatment:</b>	Not applicable.
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## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

<b>Extinguishing media:</b>	Suitable extinguishing media for the surrounding fire should be used.
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### **5.2. Special hazards arising from the substance or mixture**

<b>Exposure hazards:</b>	Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.
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### **5.3. Advice for fire-fighters**

<b>Advice for fire-fighters:</b>	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
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## **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. Eliminate all sources of ignition. If outside do not approach from downwind.

### **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. Do not use equipment in clean-up procedure which may produce sparks. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

### **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:** Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Smoking is forbidden. Use non-sparking tools.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight. Keep away from sources of ignition.

**Suitable packaging:** Must only be kept in original packaging.

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

**Specific end use(s):** PC35: Washing and cleaning products (including solvent based products).

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Hazardous ingredients:

PROPANE

#### Workplace exposure limits:

#### Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1800 mg/m <sup>3</sup>	7200 mg/m <sup>3</sup>	-	-

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

UK	1000mg/m <sup>3</sup>	-	-	-
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BUTANE

UK	1450 mg/m <sup>3</sup>	1810 mg/m <sup>3</sup>	-	-
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PROPAN-2-OL

UK	999 mg/m <sup>3</sup>	1250 mg/m <sup>3</sup>	-	-
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ISOBUTANE

UK	2400 mg/m <sup>3</sup>	9600 mg/m <sup>3</sup>	-	-
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#### DNEL/PNEC Values

#### Hazardous ingredients:

D40 NAPHTHA (PETROLEUM), HYDROTREATED HEAVY, DE-AROMATISED

Type	Exposure	Value	Population	Effect
DNEL	Dermal	773 mg/kg/day	Workers	Systemic
DNEL	Inhalation	2035 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	699 mg/kg/day	Consumers	Systemic
DNEL	Inhalation	608 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Oral	699 mg/kg/day	Consumers	Systemic

### 8.2. Exposure controls

<b>Engineering measures:</b>	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
<b>Respiratory equipment:</b>	Respiratory protection not required.
<b>Hand protection:</b>	Chemically resistant gloves.
<b>Eye protection:</b>	Safety glasses. Ensure eye bath is to hand.
<b>Skin protection:</b>	Protective clothing.
<b>Environmental:</b>	Prevent from entering in public sewers or the immediate environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>State:</b>	Aerosol
<b>Colour:</b>	Colourless Pleasant
<b>Odour:</b>	Insoluble
<b>Solubility in water:</b>	Most organic solvents
<b>Also soluble in:</b>	Flash
<b>point°C: Relative</b>	-60
<b>density:</b>	0.73
<b>9.2. Other information:</b>	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:** 10.4. Hazardous reactions will not occur under normal transport or storage conditions.

### Conditions to avoid

**Conditions to avoid:** Direct sunlight. 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

#### Hazardous ingredients:

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

DERMAL	RAT	LD50	>2000	mg/kg
GASES	RAT	4H LC50	>20	mg/l
ORAL	RAT	LD50	>2000	mg/kg

ISOPAR G

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

D LIMONENE

DERMAL	RBT	LD50	5005	mg/kg
ORAL	RAT	LD50	4400	mg/kg

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

#### Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

#### Symptoms / routes of exposure

<b>Skin contact:</b>	There may be mild irritation at the site of contact.
<b>Eye contact:</b>	There may be irritation and redness.
<b>Ingestion:</b>	There may be soreness and redness of the mouth and throat.
<b>Inhalation:</b>	There may be irritation of the throat with a feeling of tightness in the chest.
<b>Delayed / immediate effects:</b>	No data available.
<b>Other information:</b>	Not applicable.



## SECTION 12: Ecological information

### 12.1. Toxicity

#### Hazardous ingredients:

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

ALGAE	72H IC50	<10	mg/l
DAPHNIA	48H EC50	<10	mg/l
FISH	96H LC50	<10	mg/l

D LIMONENE

RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	35	mg/l
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### 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:** Insoluble in water.

### 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:** Toxic to aquatic organisms.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Not applicable.

**Disposal of packaging:** Not applicable.

**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: UN1950

### 14.2. UN proper shipping name

Shipping name: AEROSOLS

### 14.3. Transport hazard class(es)

Transport class: 2

### 14.4. Packing group

### 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

### 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D

Transport category: 2

## SECTION 15: Regulatory information

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

Specific regulations: Not applicable.

### 15.2. Chemical safety assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## SECTION 16: Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

**Phrases used in s.2 and s.3:** H220: Extremely flammable gas.  
H222: Extremely flammable aerosol.  
H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H229: Pressurised container: May burst if heated  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.  
H410: Very toxic to aquatic life with long lasting effects.  
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.