

## SAFETY DATA SHEET

### Permanent Grey / Permanent Transparent

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

##### 1.1. Product identifier

**Product name** Permanent Grey / Permanent Transparent  
**Product number** 7412-8132-2, 7541-8379-2

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

**Identified uses** Reflective spray

##### 1.3. Details of the supplier of the safety data sheet

**Supplier**  
 TrackInvent AB  
 Rönnowsgatan 8C  
 SE-252 25 Helsingborg  
 SWEDEN  
 +46(0)40 – 23 13 10  
 info@trackinvent.se  
 www.albedo100.com

##### 1.4. Emergency telephone number

**National emergency telephone number** 112

#### SECTION 2: Hazards identification

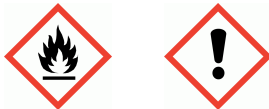
##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Aerosol 1 - H222, H229  
**Health hazards** Eye Irrit. 2 - H319 STOT SE 3 - H336  
**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Pictogram



**Signal word** Danger

**Hazard statements**  
 H222 Extremely flammable aerosol.  
 H229 Pressurised container: may burst if heated  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.

**Precautionary statements**  
 P102 Keep out of reach of children.  
 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.  
 P271 Use only outdoors or in a well-ventilated area.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P501 Dispose of contents/ container in accordance with national regulations.

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**Contains** ACETONE, PROPAN-2-OL

**Supplementary precautionary statements** P261 Avoid breathing spray.  
 P264 Wash contaminated skin thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 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 POISON CENTER/ doctor if you feel unwell.  
 P337+P313 If eye irritation persists: Get medical advice/ attention.  
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>BUTANE</b>			<b>25-35%</b>
CAS number: 106-97-8	EC number: 203-448-7	REACH registration number: 01-2119474691-32	
<b>Classification</b>			
Flam. Gas 1 - H220			
Press. Gas, Compressed - H280			
<b>PROPANE</b>			<b>15-24.9%</b>
CAS number: 74-98-6	EC number: 200-827-9	REACH registration number: 01-2119486944-21	
<b>Classification</b>			
Flam. Gas 1 - H220			
Press. Gas, Compressed - H280			
<b>ACETONE</b>			<b>15-24.9%</b>
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01-2119471330-49	
<b>Classification</b>			
Flam. Liq. 2 - H225			
Eye Irrit. 2 - H319			
STOT SE 3 - H336			
<b>1-propoxypropan-2-ol</b>			<b>7.5-9.99%</b>
CAS number: 1569-01-3	EC number: 216-372-4		
<b>Classification</b>			
Flam. Liq. 3 - H226			
Eye Irrit. 2 - H319			

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<b>PROPAN-2-OL</b>		<b>5-7.49%</b>
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25
<b>Classification</b>		
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336		
<b>DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED</b>		<b>5-7.49%</b>
CAS number: 64742-47-8	EC number: 265-149-8	REACH registration number: 01-2119456620-43-0000
<b>Classification</b>		
Asp. Tox. 1 - H304		
<b>PENTANE</b>		<b>0.1-0.99%</b>
CAS number: 109-66-0	EC number: 203-692-4	REACH registration number: 01-2119459286-30-0000
<b>Classification</b>		
Flam. Liq. 2 - H225 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411		
<b>TOLUENE</b>		<b>&lt;0.099%</b>
CAS number: 108-88-3	EC number: 203-625-9	REACH registration number: 01-2119471310-51-0000
<b>Classification</b>		
Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304		

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	Drink a few glasses of water or milk. Do not induce vomiting.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.

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**Eye contact** Rinse with water. Get medical attention if any discomfort continues.

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

**General information** Solvent abuse can kill instantly.

**Inhalation** May cause drowsiness or dizziness. Vapours may cause headache, fatigue, dizziness and nausea.

**Ingestion** May cause nausea, headache, dizziness and intoxication.

**Skin contact** May cause skin disorders if contact is repeated or prolonged.

**Eye contact** Causes serious eye irritation.

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

**Notes for the doctor** No specific recommendations.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with foam, carbon dioxide or dry powder.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Containers close to fire should be removed or cooled with water.

**Special protective equipment for firefighters** Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** For personal protection, see Section 8.

### 6.2. Environmental precautions

**Environmental precautions** Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Small Spillages: Wipe away with paper or textile fabric.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Keep away from heat, sparks and open flame. Protect against direct sunlight. Avoid eating, drinking and smoking when using the product.

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

**Storage precautions** Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep container dry.

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### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### **SECTION 8: Exposure Controls/personal protection**

#### 8.1. Control parameters

##### Occupational exposure limits

##### **BUTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1450 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 750 ppm 1810 mg/m<sup>3</sup>

##### **PROPANE**

Short-term exposure limit (15-minute): WEL No reference standard

##### **ACETONE**

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m<sup>3</sup>

##### **PROPAN-2-OL**

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

##### **PENTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1800 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

##### **TOLUENE**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 191 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 384 mg/m<sup>3</sup>

Sk

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

#### PROPAN-2-OL (CAS: 67-63-0)

**DNEL** Workers - Dermal; Long term systemic effects: 888 mg/kg/day  
 Workers - Inhalation; Long term systemic effects: 500 mg/m<sup>3</sup>  
 Consumer - Dermal; Long term systemic effects: 319 mg/kg/day  
 Consumer - Inhalation; Long term systemic effects: 89 mg/m<sup>3</sup>  
 Consumer - Oral; Long term systemic effects: 26 mg/kg/day

**PNEC** - Fresh water; 140,9 mg/l  
 - Marine water; 140,9 mg/l  
 - Intermittent release; 140,9 mg/l  
 - Soil; 28 mg/kg

#### PENTANE (CAS: 109-66-0)

**PNEC** - water; 0,027 mg/l

#### TOLUENE (CAS: 108-88-3)

**PNEC** - water; 0,074 mg/l

#### 8.2. Exposure controls

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### Protective equipment



#### Appropriate engineering controls

All handling should only take place in well-ventilated areas.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

#### Other skin and body protection

Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist.

#### Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

#### Respiratory protection

No specific recommendation made, but chemical cartridge protection may still be required for organic dusts/vapours known to be toxic.

### SECTION 9: Physical and Chemical Properties

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

Appearance	Aerosol.
Colour	Colourless.
Odour	Solvent.
Odour threshold	Not determined.
pH	Not determined.
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Technical impossibility to obtain the data.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Other flammability	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	~0,75
Bulk density	Not determined.
Solubility(ies)	No specific test data are available.
Partition coefficient	Not determined.
Auto-ignition temperature	Not determined.

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<b>Decomposition Temperature</b>	Not determined.
<b>Viscosity</b>	Not determined.
<b>Explosive properties</b>	Not determined.
<b>Explosive under the influence of a flame</b>	Yes
<b>Oxidising properties</b>	Not determined.

### 9.2. Other information

<b>Other information</b>	Not relevant.
<b>Refractive index</b>	Not determined.
<b>Particle size</b>	Not determined.
<b>Molecular weight</b>	Not determined.
<b>Volatility</b>	Highly volatile.
<b>Saturation concentration</b>	Not determined.
<b>Critical temperature</b>	Not determined.
<b>Volatile organic compound</b>	No information required.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not known.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Not known.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Toxicological effects</b>	No data is available regarding the preparation it self.
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#### Acute toxicity - oral

<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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#### Acute toxicity - dermal

<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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## Permanent Grey / Permanent Transparent

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Does not contain any substances known to be mutagenic.

### Carcinogenicity

**Carcinogenicity** Does not contain any substances known to be carcinogenic.

### Reproductive toxicity

**Reproductive toxicity - fertility** Contains a substance/a group of substances which may damage fertility.

### Specific target organ toxicity - single exposure

**STOT - single exposure** May cause drowsiness or dizziness.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

### Aspiration hazard

**Aspiration hazard** Not relevant.

### **General information**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

### **Inhalation**

May cause drowsiness or dizziness. Vapours have a narcotic effect. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting. May cause respiratory system irritation.

### **Ingestion**

May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

### **Skin contact**

May cause skin disorders if contact is repeated or prolonged.

### **Eye contact**

Causes serious eye irritation.

### **Acute and chronic health hazards**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Prolonged or repeated exposure to vapours in high concentrations may cause the following adverse effects: Nausea, vomiting. Headache.

## BUTANE

### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Not applicable.

### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Not applicable.



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### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 20.0

Notes (inhalation LC<sub>50</sub>)

### PROPANE

### Acute toxicity - oral

Notes (oral LD<sub>50</sub>) Not applicable.

### Acute toxicity - dermal

Notes (dermal LD<sub>50</sub>) Not applicable.

### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 20.0

Notes (inhalation LC<sub>50</sub>)

### ACETONE

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,800.0

Species Rat

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 20,000.0

Species Rabbit

### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 5,800.0

Species Rat

ATE inhalation (vapours mg/l) 5,800.0

### PROPAN-2-OL

### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 4,396.0

Species Rat

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 12,800.0

Species Rabbit

### Acute toxicity - inhalation

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Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 72.6

Species Rat

ATE inhalation (vapours mg/l) 72.6

### Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

### DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 5,000.0

Species Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 3,000.0

Species Rabbit

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 1,600.0

Species Rat

ATE inhalation (vapours mg/l) 1,600.0

### PENTANE

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 400.0

Species Rat

#### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 3,000.0

Species Rabbit

#### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 364.0

Species Rat

ATE inhalation (vapours mg/l) 364.0

### TOLUENE

## Permanent Grey / Permanent Transparent

### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,600.0

**Species** Rat

### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 12,124.0

**Species** Rat

### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 15.0

**Species** Rat

**ATE inhalation (vapours mg/l)** 15.0

### Skin corrosion/irritation

**Skin corrosion/irritation** Irritating to skin.

### Serious eye damage/irritation

**Serious eye damage/irritation** Slightly irritating.

### Carcinogenicity

**IARC carcinogenicity** IARC Group 3 Not classifiable as to its carcinogenicity to humans.

### Aspiration hazard

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

**Inhalation** Harmful: danger of serious damage to health by prolonged exposure through inhalation.

**Ingestion** Harmful: may cause lung damage if swallowed.

**Skin contact** The product is irritating to eyes and skin.

**Target organs** Liver Kidneys Central nervous system

## SECTION 12: Ecological Information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

**Toxicity** No data is available regarding the preparation itself.

### BUTANE

**Acute toxicity - fish** Highly volatile.  
LC50, 96 hours: 24.11 mg/l,

**Acute toxicity - aquatic invertebrates** Highly volatile.  
EC<sub>50</sub>, 48 hours: 14.22 mg/l, Daphnia magna

## Permanent Grey / Permanent Transparent

### PROPANE

**Acute toxicity - aquatic invertebrates** Highly volatile.  
EC<sub>50</sub>, 48 hours: 27.14 mg/l,

**Acute toxicity - aquatic plants** , : ,

### ACETONE

**Acute toxicity - fish** LC50, 96 hours: 635 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 10 mg/l, Daphnia magna

### PROPAN-2-OL

**Acute toxicity - fish** LC50, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 13299 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: 1800 mg/l,

### DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 4720 mg/l, Daphnia magna

### PENTANE

**Acute toxicity - fish** LC50, 96 hours: 4,26 mg/l, Onchorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 2,7-9,1 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: 7,51 mg/l, Selenastrum capricornutum

### TOLUENE

**Acute toxicity - fish** LC50, 96 hours: 6,4 mg/l, Onchorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 11,5 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** IC<sub>50</sub>, 72 hours: 12,5 mg/l, Selenastrum capricornutum

#### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

### BUTANE

**Persistence and degradability** The product is readily biodegradable.

**Permanent Grey / Permanent Transparent****PROPANE**

<b>Persistence and degradability</b>	The product is readily biodegradable.
<b>Biodegradation</b>	Water - :

**ACETONE**

<b>Biodegradation</b>	- Degradation (%) 78: 28 days OECD 301C
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**PROPAN-2-OL**

<b>Persistence and degradability</b>	The product is readily biodegradable.
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**DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED**

<b>Biodegradation</b>	Degradation (%) - Degradation (%) 11: 28 days
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**TOLUENE**

<b>Biodegradation</b>	- Degradation (%) >60: 14 days OECD 301C
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**12.3. Bioaccumulative potential**

<b>Bioaccumulative potential</b>	No data available on bioaccumulation.
<b>Partition coefficient</b>	Not determined.

**BUTANE**

<b>Bioaccumulative potential</b>	The product is not bioaccumulating.
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**PROPANE**

<b>Bioaccumulative potential</b>	The product is not bioaccumulating.
<b>Partition coefficient</b>	:

**ACETONE**

<b>Bioaccumulative potential</b>	BCF: 0,69,
<b>Partition coefficient</b>	log Pow: -0,27

**PROPAN-2-OL**

<b>Bioaccumulative potential</b>	The product is not bioaccumulating.
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**DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; Kerosine - UNSPECIFIED**

<b>Bioaccumulative potential</b>	BCF: 159,
<b>Partition coefficient</b>	log Pow: ~ 4

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### PENTANE

**Bioaccumulative potential** BCF: 171,  
**Partition coefficient** log Pow: 3,4

### TOLUENE

**Bioaccumulative potential** BCF: 10-90,  
**Partition coefficient** log Pow: 2,75

#### 12.4. Mobility in soil

**Mobility** No information available

### BUTANE

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

### PROPANE

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** No information required.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

**General information** The manufacturer of this product complies with the rules and regulations of the European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste, by paying packaging fees for disposal and recycling of packaging waste.

**Disposal methods** The plastic lid and valve are sorted as plastic. Empty aerosols are sorted as scrap metal. Residues and non empty containers should be taken care of as hazardous waste according to local and national regulations.

**Waste class** Non empty containers: EWC code 14 06 03\*  
 Empty containers: EWC code 15 01 04.

### **SECTION 14: Transport information**

**General** Aerosols may be carried domestically as limited quantities ( 1L ) as long as each package does not exceed 30 kg in cardboard boxes or 20 kg on trays with shrink- or stretch wrapping. Each package shall be marked with diamond-shaped area, the top and bottom part is black, surrounded by a line that measures at least 100 mm x 100 mm.

#### 14.1. UN number

**UN No. (ADR/RID)** 1950  
**UN No. (IMDG)** 1950

## Permanent Grey / Permanent Transparent

UN No. (ICAO) 1950

UN No. (ADN) 1950

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

### 14.3. Transport hazard class(es)

ADR/RID class 2.1

ADR/RID classification code 5F

ADR/RID label 2.1

IMDG class 2.1

ICAO class/division 2.1

ADN class 2.1

### Transport labels



### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

EmS F-D, S-U

ADR transport category 2

Tunnel restriction code (D)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not relevant.

Annex II of MARPOL 73/78 and the IBC Code

## SECTION 15: Regulatory information

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

**National regulations** COUNCIL DIRECTIVE of may 1975 on the approximation of the laws of the Member States relating to aerosol dispensers.

## Permanent Grey / Permanent Transparent

### EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

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 (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>General information</b>	A review of safety data sheet with staff to manage the product recommended.
<b>Revision comments</b>	This is first issue.
<b>Issued by</b>	Östergren
<b>Revision date</b>	17/05/2017
<b>Revision</b>	1.1
<b>Supersedes date</b>	21/03/2017
<b>SDS number</b>	20899
<b>Hazard statements in full</b>	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 H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects.

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.