

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 06/07/2020 Revision date: 05/10/2023 Supersedes version of: 02/02/2023 Version: 8.3

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

### 1.1. Product identifier

Product form : Mixture

Trade name : LAYOUT INK Spray (White)

Product code : 57025 Vaporizer : Aerosol

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

#### 1.2.1. Relevant identified uses

Main use category : Industrial use,Professional use Industrial/Professional use spec : For professional use only

Industrial

Use of the substance/mixture : Lubricants, Greases and Release Products

1.2.2. Uses advised against

Restrictions on use : Acetone is listed as a reportable explosives precursor in Annex II of EU regulation

2019/1148

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

### Manufacturer

ROCOL a division of ITW Ltd Rocol House Wakefield Rd, Swillington LS26 8BS Leeds – West Yorkshire United Kingdom T +44 (0)113 232 2600

 $\underline{\text{customer.service@rocol.com}} \text{ -} \underline{\text{www.rocol.com}}$ 

# 1.4. Emergency telephone number

Emergency number : +44 (0)113 232 2600

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

# **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

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

Aerosol, Category 1 H222;H229
Serious eye damage/eye irritation, Category 2 H319
Specific target organ toxicity – Single exposure, Category 3, H336

Narcosis

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

### Adverse physicochemical, human health and environmental effects

No additional information available

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### 2.2. Label elements

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

Hazard pictograms (CLP)





GHS02

GHS07

Signal word (CLP) : Danger
Contains : ACETONE

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

H229 - Pressurised container: May burst if heated.

H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP) : 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.
P261 - Avoid breathing spray, mist, vapours.
P271 - Use only outdoors or in a well-ventilated area.

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

protection.

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

EUH-statements : EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not

breathe spray or mist.

EUH066 - Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### Component

HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE)(68476-85-7)

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

### **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]
ACETONE substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 67-64-1 EC-No.: 200-662-2 EC Index-No.: 606-001-00-8 REACH-no: 01-2119471330-	50 – 70	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (Propellant gas (Aerosol)) substance with national workplace exposure limit(s) (GB) (Note K)(Note S)(Note U)	CAS-No.: 68476-85-7 EC-No.: 270-704-2 EC Index-No.: 649-202-00-6 REACH-no: Exempt	30 – 50	Flam. Gas 1A, H220 Press. Gas (Comp.), H280 Flam. Liq. Not classified Muta. Not classified Carc. Not classified
TiO2 substance with national workplace exposure limit(s) (GB)	CAS-No.: 13463-67-7 EC-No.: 236-675-5	5 – 10	Not classified

Note K: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than

0.1% w/w 1.3- butadiene (Einecs No 203-450-8), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least

the precautionary statements (P102-)P210-P403 shall apply.

Note S: This substance may not require a label according to Article 17 (see Section 1.3 of Annex I) (Table 3).

Note U: When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied

gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:. Press. Gas (Comp.), Press. Gas (Liq.), Press. Gas (Ref. Liq.), Press. Gas (Diss.). Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section

2.3.2.1, Note 2).

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case.

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

# **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a POISON

CENTER/doctor if you feel unwell.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

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

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

Symptoms/effects after inhalation : May cause drowsiness or dizziness. Symptoms/effects after eye contact : Causes serious eye irritation.

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

No additional information available

### **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

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

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

# 5.2. Special hazards arising from the substance or mixture

No additional information available

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### 5.3. Advice for firefighters

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.

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

# **SECTION 6: Accidental release measures**

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

### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. Avoid breathing

dust/fume/gas/mist/vapours/spray.

Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

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

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

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors

or in a well-ventilated area.

Hygiene measures : Wash hands, forearms and face thoroughly after handling.

# 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking. Keep container tightly closed.

Incompatible products : Strong bases. Strong acids.
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

### 8.1.1 National occupational exposure and biological limit values

ACETONE (67-64-1)		
EU - Indicative Occupational Exposure Limit (IOEL)		
Local name	Acetone	
IOEL TWA	1210 mg/m³	

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Regulatory reference United Kingdom - Occupational Exposure Limits Local name Acetone  WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] So0 ppm WEL STEL (OEL STEL) Se20 mg/m³ WEL STEL (OEL STEL) WEL STEL (OEL STEL) WINTED KINGDOM - Occupational Exposure Limits Local name Titanium dioxide WEL TWA (OEL TWA) [1] Ang/m² respirable 10 mg/m² total inhalable Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  TIVO2 (13463-67-7) United Kingdom - Occupational Exposure Limits Local name Titanium dioxide WEL TWA (OEL TWA) [1] Ang/m² respirable 10 mg/m² total inhalable Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7) United Kingdom - Occupational Exposure Limits Local name Liquefied petroleum gas WEL TWA (OEL TWA) [1] T750 mg/m² WEL TWA (OEL TWA) [2] 1000 ppm WEL STEL (OEL STEL) 2180 mg/m² WEL STEL (OEL STEL) Fignal Remark Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))					
Regulatory reference United Kingdom - Occupational Exposure Limits Local name Acetone  WEL TWA (OEL TWA) [1] WEL TWA (OEL TWA) [2] So0 ppm WEL STEL (OEL STEL) Se20 mg/m³ WEL STEL (OEL STEL) WEL STEL (OEL STEL) WINTED KINGDOM - Occupational Exposure Limits Local name Titanium dioxide WEL TWA (OEL TWA) [1] Ang/m² respirable 10 mg/m² total inhalable Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  TIVO2 (13463-67-7) United Kingdom - Occupational Exposure Limits Local name Titanium dioxide WEL TWA (OEL TWA) [1] Ang/m² respirable 10 mg/m² total inhalable Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7) United Kingdom - Occupational Exposure Limits Local name Liquefied petroleum gas WEL TWA (OEL TWA) [1] T750 mg/m² WEL TWA (OEL TWA) [2] 1000 ppm WEL STEL (OEL STEL) 2180 mg/m² WEL STEL (OEL STEL) Fignal Remark Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	ACETONE (67-64-1)				
United Kingdom - Occupational Exposure Limits  Local name Acetone  WEL TWA (OEL TWA) [1] WEL STEL (OEL STEL) So0 ppm WEL STEL (OEL STEL) So20 mg/m³ WEL STEL (OEL STEL) WEL TWA (OEL TWA) [1]  4 mg/m² respirable 10 mg/m² total inhalable Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7) United Kingdom - Occupational Exposure Limits Local name Liquefied petroleum gas WEL TWA (OEL TWA) [1] 1750 mg/m³ WEL TWA (OEL TWA) [2] 1000 ppm WEL STEL (OEL STEL) 2180 mg/m³ WEL STEL (OEL STEL) 2180 mg/m³ WEL STEL (OEL STEL) Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	IOEL TWA [ppm]	500 ppm			
Acetone  WEL TWA (OEL TWA) [1] 1210 mg/m³  WEL TWA (OEL TWA) [2] 500 ppm  WEL STEL (OEL STEL) 3620 mg/m³  WEL STEL (OEL STEL) [ppm] 1500 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  TIO2 (13463-67-7)  United Kingdom - Occupational Exposure Limits  Local name Titanium dioxide  WEL TWA (OEL TWA) [1] 4 mg/m³ respirable 10 mg/m³ total inhalable  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)  United Kingdom - Occupational Exposure Limits  Local name Liquefied petroleum gas  WEL TWA (OEL TWA) [1] 1750 mg/m³  WEL TWA (OEL TWA) [2] 1000 ppm  WEL TWA (OEL TWA) [2] 1000 ppm  WEL STEL (OEL STEL) 2180 mg/m³  WEL STEL (OEL STEL) [ppm] 1250 ppm  Remark Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC			
WEL TWA (OEL TWA) [1]  WEL STEL (OEL STEL)  WEL STEL (DEL STEL) [ppm]  Regulatory reference  EH40/2005 (Fourth edition, 2020). HSE  TIO2 (13463-67-7)  United Kingdom - Occupational Exposure Limits  Local name  Titanium dioxide  WEL TWA (OEL TWA) [1]  4 mg/m³ respirable 10 mg/m³ total inhalable  Regulatory reference  EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)  United Kingdom - Occupational Exposure Limits  Local name  Liquefied petroleum gas  WEL TWA (OEL TWA) [1]  1750 mg/m³  WEL TWA (OEL TWA) [2]  1000 ppm  WEL TWA (OEL TWA) [2]  1250 ppm  Remark  Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	United Kingdom - Occupational Exposure Limits				
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WEL STEL (OEL STEL) [ppm] 1500 ppm  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  TIO2 (13463-67-7)  United Kingdom - Occupational Exposure Limits  Local name Titanium dioxide  WEL TWA (OEL TWA) [1] 4 mg/m³ respirable 10 mg/m³ total inhalable  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)  United Kingdom - Occupational Exposure Limits  Local name Liquefied petroleum gas  WEL TWA (OEL TWA) [1] 1750 mg/m³  WEL TWA (OEL TWA) [2] 1000 ppm  WEL STEL (OEL STEL) 2180 mg/m³  WEL STEL (OEL STEL) [ppm] 1250 ppm  Remark Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	WEL TWA (OEL TWA) [1]	1210 mg/m³			
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Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  TiO2 (13463-67-7)  United Kingdom - Occupational Exposure Limits  Local name Titanium dioxide  WEL TWA (OEL TWA) [1] 4 mg/m³ respirable 10 mg/m³ total inhalable  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)  United Kingdom - Occupational Exposure Limits  Local name Liquefied petroleum gas  WEL TWA (OEL TWA) [1] 1750 mg/m³  WEL TWA (OEL TWA) [2] 1000 ppm  WEL STEL (OEL STEL) 2180 mg/m³  WEL STEL (OEL STEL) [ppm] 1250 ppm  Remark Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	WEL STEL (OEL STEL)	3620 mg/m³			
United Kingdom - Occupational Exposure Limits  Local name Titanium dioxide  WEL TWA (OEL TWA) [1] 4 mg/m³ respirable 10 mg/m³ total inhalable  Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)  United Kingdom - Occupational Exposure Limits  Local name Liquefied petroleum gas  WEL TWA (OEL TWA) [1] 1750 mg/m³  WEL TWA (OEL TWA) [2] 1000 ppm  WEL STEL (OEL STEL) 2180 mg/m³  WEL STEL (OEL STEL) 2180 mg/m³  WEL STEL (OEL STEL) [ppm] 1250 ppm  Remark Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	WEL STEL (OEL STEL) [ppm]	1500 ppm			
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Local name  Titanium dioxide  WEL TWA (OEL TWA) [1]  4 mg/m³ respirable 10 mg/m³ total inhalable  Regulatory reference  EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)  United Kingdom - Occupational Exposure Limits  Local name  Liquefied petroleum gas  WEL TWA (OEL TWA) [1]  1750 mg/m³  WEL TWA (OEL TWA) [2]  1000 ppm  WEL STEL (OEL STEL)  2180 mg/m³  WEL STEL (OEL STEL)  ENDOTE THE STEL (OEL STEL) [150 ppm]  Remark  Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	TiO2 (13463-67-7)				
WEL TWA (OEL TWA) [1]  4 mg/m³ respirable 10 mg/m³ total inhalable  Regulatory reference  EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)  United Kingdom - Occupational Exposure Limits  Local name  Liquefied petroleum gas  WEL TWA (OEL TWA) [1]  1750 mg/m³  WEL TWA (OEL TWA) [2]  1000 ppm  WEL STEL (OEL STEL)  2180 mg/m³  WEL STEL (OEL STEL)  2180 mg/m³  Remark  Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	United Kingdom - Occupational Exposure Limits				
Regulatory reference EH40/2005 (Fourth edition, 2020). HSE  HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)  United Kingdom - Occupational Exposure Limits  Local name Liquefied petroleum gas  WEL TWA (OEL TWA) [1] 1750 mg/m³  WEL TWA (OEL TWA) [2] 1000 ppm  WEL STEL (OEL STEL) 2180 mg/m³  WEL STEL (OEL STEL) 2180 mg/m³  WEL STEL (OEL STEL) [ppm] 1250 ppm  Remark Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	Local name	Titanium dioxide			
HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)  United Kingdom - Occupational Exposure Limits  Local name  Liquefied petroleum gas  WEL TWA (OEL TWA) [1]  1750 mg/m³  WEL TWA (OEL TWA) [2]  1000 ppm  WEL STEL (OEL STEL)  2180 mg/m³  WEL STEL (OEL STEL) [ppm]  Remark  Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	WEL TWA (OEL TWA) [1]				
United Kingdom - Occupational Exposure Limits  Local name Liquefied petroleum gas  WEL TWA (OEL TWA) [1] 1750 mg/m³  WEL TWA (OEL TWA) [2] 1000 ppm  WEL STEL (OEL STEL) 2180 mg/m³  WEL STEL (OEL STEL) [ppm] 1250 ppm  Remark Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE			
Liquefied petroleum gas  WEL TWA (OEL TWA) [1] 1750 mg/m³  WEL TWA (OEL TWA) [2] 1000 ppm  WEL STEL (OEL STEL) 2180 mg/m³  WEL STEL (OEL STEL) [ppm] 1250 ppm  Remark Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)				
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WEL TWA (OEL TWA) [2]  1000 ppm  WEL STEL (OEL STEL)  2180 mg/m³  WEL STEL (OEL STEL) [ppm]  1250 ppm  Remark  Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	Local name	Liquefied petroleum gas			
WEL STEL (OEL STEL)  2180 mg/m³  WEL STEL (OEL STEL) [ppm]  1250 ppm  Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	WEL TWA (OEL TWA) [1]	1750 mg/m³			
WEL STEL (OEL STEL) [ppm]  1250 ppm  Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	WEL TWA (OEL TWA) [2]	1000 ppm			
Remark  Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	WEL STEL (OEL STEL)	2180 mg/m³			
contains more than 0.1% of buta-1,3-diene))	WEL STEL (OEL STEL) [ppm]	1250 ppm			
Regulatory reference EH40/2005 (Fourth edition, 2020). HSE	Remark	_ ` ` '			
	Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE			

# 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

# 8.1.4. DNEL and PNEC

No additional information available

# 8.1.5. Control banding

No additional information available

# 8.2. Exposure controls

# 8.2.1. Appropriate engineering controls

No additional information available

# 8.2.2. Personal protection equipment

# Personal protective equipment:

Avoid all unnecessary exposure.

# Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

### Personal protective equipment symbol(s):



### 8.2.2.1. Eye and face protection

### Eye protection:

Chemical goggles or safety glasses

### 8.2.2.2. Skin protection

### Hand protection:

Wear protective gloves. Nitrile rubber gloves

### 8.2.2.3. Respiratory protection

### Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN140 with Type A filter or better

: Non flammable.

### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Other information:

Flammability

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 Colour : white.

Odour : Characteristic odour.
Odour threshold : Not available
Melting point : Not available
Freezing point : Not available
Boiling point : < 0 °C

Lower explosion limit : Not available Upper explosion limit : Not available : -100 °C Flash point : Not available Auto-ignition temperature Decomposition temperature : Not available : Not available Viscosity, kinematic : Not available Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available : Not available Vapour pressure : Not available Vapour pressure at 50°C : Not available Density : Not available Relative density : Not available Relative vapour density at 20°C Particle characteristics : Not applicable

# 9.2. Other information

# 9.2.1. Information with regard to physical hazard classes

% of flammable ingredients : 85.786995 %

9.2.2. Other safety characteristics

VOC content : 639 g/l

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# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

Extremely flammable aerosol.

# 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

# 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

LC50 Inhalation - Rat

# 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

# **SECTION 11: Toxicological information**

# 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

ACETONE (67-64-1)		
LD50 oral rat	5800 mg/kg bodyweight Animal: rat, Animal sex: female	
LD50 dermal rat	15800 mg/kg	
LC50 Inhalation - Rat	76 mg/l/4h	

# HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)

Skin corrosion/irritation	: Not classified
Additional information	: Repeated exposure may cause skin dryness or cracking.
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

> 20 mg/l/4h

Carcinogenicity : Not classified

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

Reproductive toxicity : Not classified

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

ACETONE (67-64-1)	
LOAEL (animal/female, F0/P)	11298 mg/kg bodyweight Animal: mouse, Animal sex: female
NOAEL (animal/male, F0/P)	900 mg/kg bodyweight Animal: rat, Animal sex: male, Remarks on results: other:Generation not specified (migrated information)
STOT-single exposure	: May cause drowsiness or dizziness.

ACETONE (67-64-1)	
STOT-single exposure	May cause drowsiness or dizziness.

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STOT-repeated exposure : Not classified

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

Aspiration hazard : Not classified

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

# **LAYOUT INK Spray (White)**

Vaporizer Aerosol

### 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

No additional information available

### 11.2.2. Other information

Potential adverse human health effects and

symptoms

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

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Hazardous to the aquatic environment, short-term

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: Not classified

: Not classified

Hazardous to the aquatic environment, long-term

(chronic)

ACETONE (67-64-1)	
LOEC (chronic)	> 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 79 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

# 12.2. Persistence and degradability

I AYOUT INK Spray (Whi	0

Persistence and degradability Not established.

# 12.3. Bioaccumulative potential

# **LAYOUT INK Spray (White)**

Bioaccumulative potential Not established.

### 12.4. Mobility in soil

No additional information available

# 12.5. Results of PBT and vPvB assessment

No additional information available

# 12.6. Endocrine disrupting properties

No additional information available

# 12.7. Other adverse effects

Additional information : Avoid release to the environment.

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# **SECTION 13: Disposal considerations**

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of

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 / IMDG / IATA / ADN / RID

IMDG	IATA	ADN	RID
umber			
UN 1950	UN 1950	UN 1950	UN 1950
g name			
AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
iption			
UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1	UN 1950 AEROSOLS, 2.1
class(es)			
2.1	2.1	2.1	2.1
2	*	2	2
Not applicable	Not applicable	Not applicable	Not applicable
ards			
Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
	UN 1950 g name  AEROSOLS ption  UN 1950 AEROSOLS, 2.1  class(es)  2.1  Not applicable ards  Dangerous for the environment: No	UN 1950  G name  AEROSOLS  Aerosols, flammable  UN 1950 AEROSOLS, 2.1  UN 1950 Aerosols, flammable, 2.1  Llass(es)  2.1  Not applicable  Not applicable  ards  Dangerous for the environment: No  UN 1950 Aerosols, flammable, 2.1	UN 1950  UN 1950  UN 1950  UN 1950  G name  AEROSOLS  Aerosols, flammable  UN 1950 AEROSOLS, 2.1  UN 1950 AEROSOLS AEROSOLS, 2.1  UN 1950 AEROSOLS, 2.1  UN 1950 AEROSOLS AEROSOLS, 2.1  UN 1950 AEROSOLS AEROSOLS, 2.1  UN 1950 AEROSOLS, 2.1  Dangerous (

# 14.6. Special precautions for user

### **Overland transport**

Classification code (ADR) : 5F

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

Limited quantities (ADR) : 1I Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP200 Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR): MP9Transport category (ADR): 2Special provisions for carriage - Packages (ADR): V14Special provisions for carriage - Loading, unloading: CV9, CV12

and handling (ADR)

Special provisions for carriage - Operation (ADR) : S2
Tunnel restriction code (ADR) : D

# Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959

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Packing instructions (IMDG) : P207, LP200
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69

### Air transport

PCA Excepted quantities (IATA) : E0
PCA Limited quantities (IATA) : Y203
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 203
PCA max net quantity (IATA) : 75kg
CAO packing instructions (IATA) : 203
CAO max net quantity (IATA) : 150kg

Special provisions (IATA) : A145, A167, A802

ERG code (IATA) : 10L

### **Inland waterway transport**

Classification code (ADN) : 5F

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

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01, VE04

Number of blue cones/lights (ADN) : 1

### Rail transport

Classification code (RID) : 5F

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

Limited quantities (RID) : 1L

Excepted quantities (RID) : E0

Packing instructions (RID) : P207, LP200

Special packing provisions (RID) : PP87, RR6, L2

Mixed packing provisions (RID) : MP9

Transport category (RID) : 2
Special provisions for carriage – Packages (RID) : W14
Special provisions for carriage - Loading, unloading : CW9, CW12

and handling (RID)

Colis express (express parcels) (RID) : CE2 Hazard identification number (RID) : 23

# 14.7. Maritime transport in bulk according to IMO instruments

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

### **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

# **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

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### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

### VOC Directive (2004/42)

VOC content : 639 g/l

### **Explosives Precursors Regulation (2019/1148)**

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

Name		Nomenclature	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Acetone	67-64-1	2914 11 00	ex 3824 99 92

Please see https://ec.europa.eu/home-affairs/system/files/2021-11/list\_of\_competent\_authorities\_and\_national\_contact\_points\_en.pdf

### **Drug Precursors Regulation (273/2004)**

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

Name	CN designation	CAS-No.	CN code	Category	Threshold	Annex
Acetone		67-64-1	2914 11 00	Category 3		Annex I

### 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**

Indication of changes	dication of changes			
Section	Changed item	Change	Comments	
	Supersedes version of	Added		
	Revision date	Modified		

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	ull text of H- and EUH-statements:	
Carc. Not classified	Carcinogenicity Not classified	
EUH066	Repeated exposure may cause skin dryness or cracking.	
EUH211	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	

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Full text of H- and EUH-statements:		
Flam. Gas 1A	Flammable gases, Category 1A	
Flam. Liq. 2	Flammable liquids, Category 2	
Flam. Liq. Not classified	Flammable liquids Not classified	
H220	Extremely flammable gas.	
H222	Extremely flammable aerosol.	
H225	Highly flammable liquid and vapour.	
H229	Pressurised container: May burst if heated.	
H280	Contains gas under pressure; may explode if heated.	
H319	Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	
Muta. Not classified	Germ cell mutagenicity Not classified	
Press. Gas (Comp.)	Gases under pressure : Compressed gas	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis	

Safety Data Sheet (SDS), EU

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.