

# P-U-15S 0,4L 0,4L Metal can

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

1.1 Product identifier Trade name	: P-U-15S 0,4L 0,4L Metal can		
Product code	: 0000000050736073		
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b> Use of the : Spraying Substance/Mixture Coatings and related products			
<b>1.3 Details of the supplier of th</b> <u>Company:</u> BASF Coatings GmbH Postfach 6123 48136 Münster Deutschland	e safety data sheet <u>Contact address:</u>		

Telephone: +44 161 475 3000 E-mail address: product-safety-uk-and-ireland@basf.com



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**1.4 Emergency telephone** 

International emergency number: Telephone: +49 180 2273-112

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Aerosols, Category 1	H222: Extremely flammable aerosol.		
	H229: Pressurised container: May burst if heated.		
Eye irritation, Category 2	H319: Causes serious eye irritation.		
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.		
Long-term (chronic) aquatic hazard,	H412: Harmful to aquatic life with long lasting		



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Category 3

effects.

### 2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms :		
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.
	H412	Harmful to aquatic life with long lasting effects.



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Precautionary : Statements	Prevention P210	<ul> <li>n: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> </ul>	
	P211	Do not spray on an open flame or other ignition source.	
	P251	Do not pierce or burn, even after use.	
	P261	Avoid breathing mist.	
	P273	Avoid release to the environment.	
	Storage:		
	P410 + P4	12 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.	

Hazardous ingredients which must be listed on the label:

propan-2-ol

acetone

1-methoxy-2-propylacetate



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#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Container is under pressure. Protect from sun and temperatures above 50 °C. Do not open with force or incinerate even after use. Do not spray into flames or onto glowing objects.

#### **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

Chemical nature	: organic solvent
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pigment

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration	Classification	Concentratio n (% w/w)
nronan 2 ol	number	Elam Lig 2: H225	>= 25 - < 50
propan-2-ol	67-63-0	Flam. Liq. 2; H225	>= 25 - < 50



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200-661-7	Eye Irrit. 2; H319	
603-117-00-0	STOT SE 3; H336	
UK-20- 9702550300-0- 0000	(Central nervous system)	
UK-20- 0537843089-5- 0000 UK-20- 9642318150-0- 0000		
67-64-1 200-662-2 606-001-00-8 UK-20- 9702550300-0- 0000	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system)	>= 25 - < 50
	603-117-00-0 UK-20- 9702550300-0- 0000 UK-20- 0537843089-5- 0000 UK-20- 9642318150-0- 0000 67-64-1 200-662-2 606-001-00-8 UK-20- 9702550300-0-	603-117-00-0       STOT SE 3; H336         UK-20-       (Central nervous system)         9702550300-0-       system)         0000       UK-20-         UK-20-       (Stor Se 3; H336)         606-001-00-8       Stor Se 3; H336)         UK-20-       (Central nervous system)



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	0537843089-5- 0000		
1-methoxy-2-propylacetate	108-65-6	Flam. Liq. 3; H226	>= 1 - < 2
	203-603-9	STOT SE 3; H336	
	607-195-00-7	(Central nervous	
	UK-20-	system)	
	9702550300-0-		
	0000		
	UK-20-		
	0537843089-5-		
	0000		
	UK-20-		
	9642318150-0-		
	0000		
zinc oxide	1314-13-2	Aquatic Acute 1;	>= 1 - < 2
	215-222-5	H400	
	030-013-00-7	Aquatic	
		Chronic 1; H410	
	UK-20-		



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	9702550300-0- 0000		
	UK-20- 0537843089-5- 0000		
	UK-20- 9642318150-0- 0000		
Substances with a workplace expo	sure limit :		
butane	106-97-8 203-448-7 UK-20- 9702550300-0- 0000 UK-20- 0537843089-5- 0000	Flam. Gas 1A; H220 Press. Gas Liquefied gas; H280	>= 5 - < 7

For explanation of abbreviations see section 16.



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

4.1 Description of first-aid measure	S		
General advice :	First aid personnel should pay attention to their own safety.		
	If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.		
	In all cases of doubt, or when symptoms persist, seek medical attention.		
	Move out of dangerous area.		
	Never give anything by mouth to an unconscious person.		
If inhaled :	If symptoms persist, call a physician.		
	If breathed in, move person into fresh air.		
	If breathing is irregular or stopped, administer artificial respiration.		
In case of skin contact :	If symptoms persist, call a physician.		
	Wash off immediately with soap and plenty of water		
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		while removing all contaminated clothes and shoes.
		Do NOT use solvents or thinners.
In case of eye contact	:	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
		Call a physician immediately.
		If easy to do, remove contact lens, if worn.
If swallowed	:	If symptoms persist, call a physician.
		Do NOT induce vomiting.
		Rinse mouth.

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

Symptoms	:	Information, i.e. additional information on symptoms	
		and effects may be included in the GHS labeling phrases	
		available in Section 2 and in the Toxicological	



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assessments available in Section 11.

Risks : Causes serious eye irritation.

May cause drowsiness or dizziness.

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

Treatment	:	No known specific antidote.
		Treat symptomatically.

## **SECTION 5: Firefighting measures**

5.1 Extinguishing media	
	: Water spray jet
media	Dry powder
	Alcohol-resistant foam
	Carbon dioxide (CO2)



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Unsuitable extinguishing : High volume water jet media

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

Specific hazards during fire :Cool containers exposed to fire with water.fightingDecomposition, pressure build-up and bursting of<br/>containers may occur.

Hazardous combustion : Carbon oxides products

5.3 Advice for firefighters

Special protective	:	Appropriate breathing apparatus may be required.
equipment for fire-fighters		

Further information	: 1		In the event of fire, cool tanks with water spray.
			Fire residues and contaminated fire extinguishing water
			must be disposed of in accordance with local



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regulations.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

### **SECTION 6: Accidental release measures**

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

Personal precautions	:	Avoid breathing vapours.
		Keep away from sources of ignition.
		Advice on product handling can be found in sections 7 and 8 of this safety data sheet.
		For non-emergency personnel:
		For emergency responders:
		Use personal protective equipment.
		Ensure adequate ventilation, especially in confined areas.



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### 6.2 Environmental precautions

Environmental precautions :	Do not allow uncontrolled discharge of product into the environment.
	Avoid subsoil penetration.
	If the product contaminates rivers and lakes or drains inform respective authorities.

## 6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Ensure adequate ventilation.
		Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

## 6.4 Reference to other sections

For disposal considerations see section 13.



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## **SECTION 7: Handling and storage**

7.1 Precautions for safe handling		
Advice on safe handling	:	Provide good ventilation of working area (local exhaust ventilation if necessary).
		Do not return residues to the storage containers.
		Handle with care - avoid bumps, friction and impact.
		Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws.
		The workplace should be equipped with an emergency shower and eye-rinsing facility.
		Avoid contact with the skin, eyes and clothing.
		Handle in accordance with good industrial hygiene and safety practice.
Advice on protection against fire and explosion	:	Avoid all sources of ignition: heat, sparks, open flame. The relevant fire protection measures should be noted.



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Hygiene measures	:	Remove contaminated clothing immediately and dispose
		of safely. Wash hands before breaks and at the end of
		workday. Keep away from food, drink and animal
		feedingstuffs.

## 7.2 Conditions for safe storage, including any incompatibilities

Further information on : storage conditions	Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Always keep in containers of same material as the original one. Observe label precautions. Keep in a dry, cool and well-ventilated place.
Advice on common storage :	Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
Packaging material :	Suitable material: Carbon steel (Iron), tinned carbon steel (Tinplate), Stove-lacquer R 78433, Stove-lacquer EHD0022, Stainless steel 1.4301 (V2)



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## 7.3 Specific end use(s)

Specific use(s)

: Please refer to the technical leaflet for further information.

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

#### 8.1 Control parameters

### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
propan-2-ol	67-63-0	STEL	500 ppm 1,250 mg/m3	GB EH40
		TWA	400 ppm 999 mg/m3	GB EH40
acetone	67-64-1	TWA	500 ppm 1,210 mg/m3	GB EH40
		STEL	1,500 ppm	GB EH40



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			3,620 mg/m3	
		TWA	500 ppm	2000/39/EC
			1,210 mg/m3	
	Further info	rmation: Indicative	1	
butane	106-97-8	TWA	600 ppm	GB EH40
			1,450 mg/m3	
	Further info	rmation: Capable o	of causing cancer and/or h	eritable
	genetic dam	age.		
		STEL	750 ppm	GB EH40
			1,810 mg/m3	
	Further info genetic dam	-	of causing cancer and/or h	eritable
1-methoxy-2-	108-65-6	TWA	50 ppm	GB EH40
propylacetate			274 mg/m3	
	Further info	rmation: Can be at	osorbed through the skin.	The assigned
	substances a	are those for which	there are concerns that d	lermal



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abso	absorption will lead to systemic toxicity.		
	STEL	100 ppm	GB EH40
		548 mg/m3	
Furth	ner information: Can b	e absorbed through the	skin. The assigned
subs	tances are those for w	hich there are concerns	that dermal
abso	rption will lead to syst	emic toxicity.	
	STEL	100 ppm	2000/39/EC
		550 mg/m3	
Furth	Further information: Identifies the possibility of significant uptake		
throu	through the skin, Indicative		
	TWA	50 ppm	2000/39/EC
		275 mg/m3	
Furth	ner information: Identi	fies the possibility of sig	nificant uptake
throu	ugh the skin, Indicative	<u>j</u>	

### 8.2 Exposure controls

### Engineering measures

Ensure adequate ventilation.



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Personal protective equipmen	t
Eye/face protection :	Tightly fitting safety goggles (splash goggles) (e.g. EN 166)
	Required when there is a risk of eye contact.
Hand protection	
Remarks :	Wear protective gloves. Any chemical protection glove certified according to EN ISO 374-1 is suitable: e.g. butyl rubber gloves - material thickness: 0.5 mm Further information on penetration time is available from the manufacturer of the glove. Data are based on information from the glove manufacturer, the raw material manufacturer or according to specifics of the product components. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Request information on glove permeation properties from the glove supplier. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Preventive skin protection Suitable materials for short- term contact (recommended: At least protective index



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		2, corresponding > 30 minutes of permeation time according to EN ISO 374-1) Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): Suitable materials against splashes (recommended: At least protective index 1, corresponding > 10 minutes of permeation time according to EN ISO 374-1)
Skin and body protection	:	Anti-static protective clothing
		Personnel should wear antistatic, flame-retardant clothing made of natural fibres and/or heat-resistant synthetic fibres.
Respiratory protection	:	Suitable respiratory equipment:
		half-mask with A1P2 class combination filter
		When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
		In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.



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Protective measures :	Eye wash fountains and safety showers must be easily accessible.
	If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn.
	Avoid contact with the skin, eyes and clothing.
	Handle in accordance with good industrial hygiene and safety practice.

## **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Appearance	: liquid
Color	: red
Odor	: specific
рН	: substance/mixture is a gas
Melting point/ range	: Study technically not feasible.



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Boiling point/boiling range	:	Study technically not feasible.
Flash point	:	Not applicable
Flammability (solid, gas)	:	Extremely flammable aerosol.
Lower explosion limit / Lower flammability limit	:	> 35 g/m3
Vapor pressure	:	(20 °C) not determined
		(50 °C)



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not determined

Density	: 0.932 g/cm3 (20 °C)	
Solubility(ies) Water solubility Partition coefficient: n-	<ul><li>not determined</li><li>not applicable for mixtures</li></ul>	
octanol/water Autoignition temperature		
Decomposition	: No decomposition if stored and handled	as
temperature	prescribed/indicated.	
Viscosity Viscosity, kinematic	: 9.8 mm2/s (23 °C)	



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		(40 °C)
		not determined
Flow time	:	35 s at 23 °C
		Cross section: 3 mm
		Method: ISO 2431
		without propellant
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
9.2 Other information		
Self-heating substances	:	The substance or mixture is not classified as self heating.



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Metal corrosion rate : N	lot corrosive to metals.
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## **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

No decomposition if stored and applied as directed.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	Risk of bursting.
		Vapors may form explosive mixture with air.

#### 10.4 Conditions to avoid

Conditions to avoid : Avoid direct sunlight.

#### 10.5 Incompatible materials

Materials to avoid : Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic



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reactions.

#### **10.6 Hazardous decomposition products**

No decomposition if stored and applied as directed.

#### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

#### Acute toxicity

Not classified due to lack of data.

#### Skin corrosion/irritation

Not classified due to lack of data.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitization

#### Skin sensitization

Not classified due to lack of data.

#### Respiratory sensitization

Not classified due to lack of data.

#### Germ cell mutagenicity

Not classified due to lack of data.

#### Carcinogenicity

Not classified due to lack of data.



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**Reproductive toxicity** Not classified due to lack of data. **STOT-single exposure** May cause drowsiness or dizziness. STOT-repeated exposure Not classified due to lack of data. Aspiration toxicity Not classified due to lack of data. **SECTION 12: Ecological information** 12.1 Toxicity No data available 12.2 Persistence and degradability No data available 12.3 Bioaccumulative potential Components: propan-2-ol: Partition coefficient: n-: log Pow: 0.05 (25 °C) octanol/water Remarks: Information taken from reference works and the literature. acetone:



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	Partition coefficient: n- octanol/water	:	log Pow: -0.24 (25 °C)
	<b>1-methoxy-2-propylacetate:</b> Partition coefficient: n- octanol/water	:	log Pow: 1.2 (20 °C) pH: 6.8 Method: OECD Test Guideline 117 GLP: yes
	<b>butane:</b> Partition coefficient: n- octanol/water	:	log Pow: 2.31 (20 °C) pH: 7
	<b>Mobility in soil</b> No data available		
12.5	S Results of PBT and vPvB as	se	ssment
	<u>Product:</u> Assessment	:	This substance/mixture contains no components



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considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 12.6 Other adverse effects

Product:	
Endocrine disrupting :	This substance/mixture does not contain components
potential	considered to have endocrine disrupting properties for
	environment according to UK REACH Article 57(f).

## **SECTION 13: Disposal considerations**

13.1 Waste treatment methods		
Product	:	Do not discharge into drains/surface waters/groundwater.
		Observe national and local legal requirements.
Contaminated packaging	:	Containers which are not properly emptied must be disposed pursuant to Directive 2008/98/EC



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Packaging that is not properly emptied must be disposed of as the unused product.

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

#### 14.1 UN number

ADN	:	UN 1950
ADR	:	UN 1950
RID	:	UN 1950
IMDG	:	UN 1950
ΙΑΤΑ	:	UN 1950
14.2 UN proper shipping name		
ADN	:	AEROSOLS
ADR	:	AEROSOLS



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RID	:	AEROSOLS

IMDG : AEROSOLS

IATA : AEROSOLS

14.3 Transport hazard class(es)

	Class	Subsidiary risks
ADN	: 2	2.1
ADR	: 2	2.1
RID	: 2	2.1
IMDG	: 2.1	
ΙΑΤΑ	: 2.1	

### 14.4 Packing group

### ADN

Packing group : Not assigned by regulation



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Classification Code	:	5F
Labels	:	2.1
ADR		
Packing group	:	Not assigned by regulation
Classification Code	:	5F
Labels	:	2.1
Tunnel restriction code	:	(D)
RID		
Packing group	:	Not assigned by regulation
Classification Code	:	5F
Hazard Identification Number	:	23
Labels	:	2.1
IMDG		
Packing group	:	Not assigned by regulation



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Labels	:	2.1
EmS Code	:	F-D, S-U
IATA (Cargo)		
Packing instruction (cargo aircraft)	:	203
Packing instruction (LQ)	:	Y203
Packing group	:	Not assigned by regulation
Labels	:	Flammable Gas
Labels IATA (Passenger)	:	Flammable Gas
	-	Flammable Gas 203
IATA (Passenger) Packing instruction	:	
IATA (Passenger) Packing instruction (passenger aircraft)	:	203
IATA (Passenger) Packing instruction (passenger aircraft) Packing instruction (LQ)	:	203 Y203

14.5 Environmental hazards



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## ADN

Environmentally hazardous	:	no
ADR		
Environmentally hazardous	:	no
RID		
Environmentally hazardous	:	no
IMDG		
Marine pollutant	:	no

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.



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## **SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17)	:	Not applicable	
UK REACH Candidate list of substances of very hig concern (SVHC) for Authorisation	gh :	Not applicable	
The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	: I	Not applicable	
Regulation (EC) on substances that deplete the ozone layer	:	Not applicable	
Regulation (EU) 2019/1148 on the marketing and use of explosives precursors	:	acetone	
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable	
Control of Major Accident Hazards P3a	FLA	AMMABLE AEROSOLS	5



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Regulations 2015 (	(COMAH)
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Liquefied flammable gases
 (including LPG) and natural gas

Volatile organic	:	Volatile organic compounds (VOC) content: 600 g/l
compounds		

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)

Volatile organic compounds (VOC) content: 85 %

## Other regulations:

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation



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19) and of Directive 94/33/EC on the protection of young people at work.

Details relating to the VOC Directive 2004/42/EC:	
Subcategory as indicated in Annex IIB:	е
Limit value for maximum VOC content as specified in Annex IIB:	840 g/l
VOC content of the ready-for-use product according to ISO 11890-2:	685 g/l

### **15.2 Chemical Safety Assessment**

Assessment of safe use has been performed for the mixture and the result is documented in section 7 and 8 of the SDS

## **SECTION 16: Other information**

Full text of H-Statements
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H220	:	Extremely flammable gas.
H225	:	Highly flammable liquid and vapor.
H226	:	Flammable liquid and vapor.
H280	:	Contains gas under pressure; may explode if heated.
H319	:	Causes serious eye irritation.
H336	:	May cause drowsiness or dizziness.
H400	:	Very toxic to aquatic life.



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H410 :	Very toxic to aquatic life with long	lasting effects.
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Full text of other abbreviations				
Aquatic Acute	:	Short-term (acute) aquatic hazard		
Aquatic Chronic	:	Long-term (chronic) aquatic hazard		
Eye Irrit.	:	Eye irritation		
Flam. Gas	:	Flammable gases		
Flam. Liq.	:	Flammable liquids		
Press. Gas	:	Gases under pressure		
STOT SE	:	Specific target organ toxicity - single exposure		
2000/39/EC	:	Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values		
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits		
2000/39/EC / TWA	:	Limit Value - eight hours		
2000/39/EC / STEL	:	Short term exposure limit		
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)		
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference period)		



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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC -International Agency for Research on Cancer; IATA - International Air Transport Association; IBC -International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT -Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative



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Further information Other information	: For multi-pack system sheets of all compon Restricted to professi	
Classification of the mixture:		Classification procedure:
Aerosol 1	H222, H229	Based on product data or assessment
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H336	Calculation method
Aquatic Chronic 3	H412	Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



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