

**Trade name:** RONOL Cutting spray **Product number:** 65008 **Current version:** 1.0.0, done on: 07/04/2019

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**Region:** RS

## SECTION 1: Name of substance or mixture and company

### 1.1 Product identifier Trade

name

**RONOL Slicing spray**

### 1.2 Relevant identified uses of the substance or mixture and uses which should not be made

**Relevant identified uses** of metal oil

**Uses advised against** No data available.

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

#### Address

ROTHENBERGER Tools GmbH  
Industriestrasse 7  
65779 Kelkheim

Phone number +49 (0) 61 95 / 800 - 1  
Telefax no. e-mail +49 (0) 6195 / 800 - 3500  
info@rothenberger.com

#### Information regarding the safety data

sheet sdb\_info@umco.de

### 1.4 Emergency phone number + 381

11 36 08 440 (VMA Poison Control Center (24h))

## SECTION 2: Potential hazard

### 2.1 Classification of substance or mixture

#### Classification according to Regulation (EC) no. 1272/2008 (CLP)

Aerosol 1; H222  
Aquatic Chronic 3; H412  
Asp. Tox. 1; H304

#### Instructions regarding

**classification** Product classification is determined based on the following procedures according to Article 9 and the criteria of Regulation (EC) no. 1272/2008: Physical hazards: Assessment of control data according to appendix I, part 2  
Hazards to human health and the environment: Calculation procedure according to appendix I, parts 3, 4 and 5.

### 2.2 Marking elements

#### Marking according to Regulation (EC) no. 1272/2008 (CLP)

#### Piktogrami hazards



GHS02



GHS08

#### Signalna word

danger

**Label hazardous components:** Distillates (petroleum), hydrotreated heavy, containing paraffin, base oil - unspecified

#### Hazard statements

H222 Highly flammable aerosol.  
H229 The container is under pressure: it may explode when heated.  
H304 May cause death if swallowed and enters respiratory tract. Harmful to aquatic life with long-term consequences.  
H412

#### Safety instructions

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P101	If medical advice is needed, take the product packaging or label with you. Keep out of reach of children.
P102	
P103	Before use, read the information on the label.
P210	Keep away from heat sources, sparks, open flames, hot surfaces. - No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, also not after use.
P301+P310	IF SWALLOWED: Call a POISON CONTROL CENTER or doctor immediately.
P405	Store under lock and key.
P410+P412	Protect from sunlight and do not expose to temperatures above 50 °C/122 °F.

**Labeling instructions** No aspiration

hazard labeling (Asp. Tox. 1; H304) is prescribed for aerosol packaging and for containers with a sealed spray device (Regulation (EC) 1272/2008, Annex 1, 1.3.3)

### 2.3 Other hazards No data available.

## SECTION 3: Composition/information on ingredients

### 3.1 Materials

Not suitable. Product is not matter.

### 3.2 Mixtures

#### Hazardous components of the

substance No. Substance name CAS /		Additional instructions	
EC / index / REACH no.	Classification (EC) 1272/2008 (CLP)	Concentration	%
Distillates (petroleum),			
hydrotreated heavy, paraffinic-containing, base oil - unspecified	64742-54-7 Asp. Tox. 1; H304 265-157-1 649-467-00-8 01-2119484627-25	Contains < 3 % DMSO extract (IP 346). 50.00 - <	
		>= 70,00	Hm.%
<b>2 Butane</b>		<b>See note at the bottom (1) 5.00 - &lt;</b>	
106-97-8 203-448-7 601-004-00-0	Flam. Gas 1; H220 Press. Gas; H280	>= 10,00	Hm.%
<b>3 propane</b>		<b>See footnote (1)</b>	
74-98-6 200-827-9 601-003-00-5	Flam. Gas 1; H220 Press. Gas compr.; H280	>= - < 10,00	Hm.% 5,00
<b>4 Isobutane 75-28-5</b>			
200-857-2 601-004-00-0	Flam. Gas 1; H220 Press. Gas compr.; H280	>= 5,00 - < 10,00	Hm.%
<b>5 Phenol, isopropylate, phosphate (3:1) 68937-41-7</b>			
Aquatic Chronic 1; H410 273-966-9 Rep. 2; H361D 01-2119535109-41	STOT RE 2; H373	< 2,50	Hm.%
<b>6 2-(2-Heptadec-8-enyl-2-imidazolil-1-yl) ethanol</b>			
95-38-5 202-414-9 01-2119777867-13	Acute Tox. 4; H302 Skin Corr. 1C; H314 STOT RE 2; H373 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Eye Dam. 1; H318 Full text of H- and EUH-phrases: see section 16	< 2,50	Hm.%

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(1) The matter is categorized according to Regulation 1272/2008 (CLP), Article 4 (3), second paragraph, differently / in addition to / with the classification in Appendix VI.

No.	Remark	Specific concentration limit values	M-factor (acute)	M-factor (chronic)
1	L	-	-	-
2	C, U 6 -	-	-	-
			M = 10	-

Full literal text of notes: see section 16 "Notes for identification, classification and labeling of substances (EC) no. 1272/2008, VI. addition)".

No.	mode of uptake, target organ, specific action 5 H373o
	orally; -; -
6	H373o orally; -; -

## SECTION 4: First aid instructions

### 4.1 Description of first aid measures

#### General instructions

Self-protection of the first aider. Remove contaminated clothing and shoes and clean thoroughly before reuse. Take the injured person out of the danger zone and lay him down. Laying and transport in a stable lateral position.

#### After inhalation

Provide fresh air. In case of difficulty breathing, give oxygen. In case of irregular breathing or respiratory arrest, provide artificial respiration. Seek medical advice immediately.

#### After contact with skin

After contact with skin, rinse immediately with water. In case of frostbite, rinse with plenty of water. Do not remove the suit. Bring to medical treatment.

#### After contact with eyes

Remove contact lenses. Spread the eyelids wide and rinse for 10-15 minutes under running water, and protect the unexamined eye. Immediate treatment by an ophthalmologist.

#### After swallowing,

rinse your mouth and then drink plenty of water. Do not induce vomiting. Persons who are unconscious should not be given any fluids. Call a doctor immediately.

### 4.2 The most important acute and delayed symptoms and effects

**Symptoms** difficulty breathing; nausea **Effects** Risk of pulmonary edema. If swallowed and then vomited, aspiration into the lungs may occur, which may lead to chemical pneumonia or suffocation.

### 4.3 Notes on medical emergency or special treatment

No data available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media Suitable extinguishing

**media** Carbon dioxide; Extinguishing powder; Sprayed water jet; Fight larger fires with water spray or alcohol-resistant foam. water mist; BC powder **Unsuitable extinguishing media** Full stream of water

### 5.2 Special hazards of the substance or mixture

In case of fire, the following can be released: carbon dioxide (CO<sub>2</sub>); carbon monoxide (CO); nitrogen monoxides (NO<sub>x</sub>); sulfur oxides (S<sub>x</sub>O<sub>y</sub>); Hydrogen sulfide (H<sub>2</sub>S); In case of fire: It is possible to build up pressure and risk of the tank bursting.

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### 5.3 Notes on fire fighting

Use a breathing apparatus that is independent of the ambient air. Use protective clothing. Cool endangered containers with a water spray. Remains of the fire and contaminated water with which the fire was extinguished must be removed according to the official regulations of the place. In case of extreme heat, closed containers can explode.

## SECTION 6: Accidental release measures 6.1 Personal

### precautions, protective equipment and procedures to be applied in the event

necessities

#### Personnel not trained in emergency cases

Follow

safety regulations (see: section 7 and 8); Place persons safely. Provide adequate ventilation. Keep away from sources of ignition and ventilate the room well. Special risk of slipping when the product is spilled or scattered. Do not inhale vapors / aerosols.

#### Response bodies

Personal protective equipment - see section 8.

### 6.2 Measures for environmental protection

Prevent penetration into sewage / surface water / underground water. Do not allow entry into the lower soil layer / soil.

### 6.3 Methods and material for containment and

**cleaning up** Provide sufficient ventilation. Process the collected material according to the "Disposal" section.

### 6.4 Reference to Other Sections

For information on safe handling of the material see section 7. For information on personal protective equipment see section 8.

See section 13 for disposal information.

## SECTION 7: Handling and storage

### 7.1 Protective measures for safe handling Instructions

#### for safe handling

The risk when handling the product must be reduced by using protective and preventive measures. The work procedure should be organized in such a way that dangerous substances cannot be released or that contact with the skin can be excluded, if this is possible in terms of the state of the art. The container is under pressure. Protect from sunlight and from temperatures above 50 °C. Even after use, do not open by force or burn. Carefully open and handle the container.

#### General safety and hygiene measures

Do not eat, drink or smoke during work. Separate from food and drink. Wash your hands before breaks and after finishing work. Do not inhale fumes. Take off soiled and soaked clothes immediately.

#### Instructions for protection against fire and

**explosion** Take measures against electrostatic charging. Keep away from sources of ignition - Do not smoke. Keep away from heat sources, sparks and open flames. Vapors together with air may form an explosive mixture. Vapors together with air may form an explosive mixture.

### 7.2 Conditions for safe storage, taking into account intolerances

#### Technical measures and storage

**conditions** Keep containers dry, tightly closed and store in a cool and well-ventilated place. Protect from temperatures above 50° C. Protect from heat and direct sunlight.

#### Recommended storage temperature

Value	<	50	°C
-------	---	----	----

#### Conditions that must be met by warehouses and

**containers** Must be stored in containers that match the original bundle. Store hermetically sealed reservoirs in a dry and cool, well-ventilated place.

#### Conditions for combined storage

Substances to avoid, see section 10. Do not store together with flammable substances. Do not store together with foodstuffs. Do not store together with oxidizers.

### 7.3 Specific end use( s)

No data available.

## SECTION 8: Exposure controls and personal protective equipment

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## 8.1 Controllable parameters

### DNEL, DMEL and PNEC values

#### DNEL-values (worker / furnisher)

No.	Name of the substance	Method of reception	Duration of action	Distillates (petroleum),	CAS / EZ bro.	Value
1	treated with hydrogen, heavy, containing paraffin, base oil - unspecified	inhalation	longer period of time (chronic)	2 Phenol, isopropylate, phosphate (3: 1)	64742-54-7 265-157-1	
				locally		5,60 mg/m3
					68937-41-7 273-066-3	
	dermally		long period of time (chronic)	systemic		0,416 mg/kg/and
	dermal		Short weather (acute)	system		2000,00 mg/kg/dan
	dermal		Short-term (acute) long-term	local system		16,00 mg/cm <sup>2</sup> mg/
	inhalative		(chronic) inhalation			0,145 m3
			Short term (acute) 2-(2-	systemic		700,00 mg/m3
3	heptadec-8-enyl-2-imidazolin-1-yl) ethanol				95-38-5 202-414-9	
	dermally		long period of time (chronic)	systemic		0,06 mg/kg/and
	dermal		Short time (acute) longer	systemic		2 mg/kg/dan
	inhalation		period of time (chronic)	systemic		0,46 mg/m3
	inhaled		Short weather (acute)	systemic		14 mg/m3

#### DNEL values (consumer)

No.	Name of the substance	Method of reception	Duration of action	Distillates (petroleum),	CAS / EZ bro.	Value
1	treated with hydrogen, heavy, containing paraffin, base oil - unspecified	inhalation	longer period of time (chronic)	2 Phenol, isopropylate, phosphate (3: 1)	64742-54-7 265-157-1	1.20
				locally		mg/m3
					68937-41-7 273-066-3	
	orally		long period of time (chronic)	systemic		0,04 mg/kg/and
	oral		Short time (acute) longer	systemic		50,00 mg/kg/and
	dermal		period of time (chronic)	systemic		0,208 mg/kg/and
	dermal		Short weather (acute)	system local		100,00 mg/kg/dan
	dermal		Short time (acute) longer			8,00 mg/cm <sup>2</sup> mg/
	inhaled		period of time (chronic)	systemic		0,07 m3
	inhaled		Short weather (acute)	systemic		350,00 mg/m3

#### PNEC-values No.

Name of substance	environmental compartment	Distillates	Way	CAS / EZ bro.	Value
1	(petroleum), hydrotreated heavy, containing paraffin, base oil - unspecified	secondary poisoning related to: Food		64742-54-7 265-157-1	
					9,33 mg/kg
				68937-41-7 273-066-3	
	2 Phenol, isopropylate, phosphate (3:1)				
	water		fresh water		0,00031 mg/L
	water		sea water fresh		0,000031 mg/L
	water		water, sediment		0,185 mg/kg
	referring to: dry weight				

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	water	morska voda, sediment	0,018	mg/kg
	referring to: dry weight under referring			
	to: dry weight sewage treatment plant (STP) secondary poisoning referring	-	2,50	mg/kg
	to: dry weight 2-(2-heptadec-8-enyl-2-imidazolin-1-yl) ethanol	-	100,00	mg/L
			1,85	mg/kg
3			<b>95-38-5</b> <b>202-414-9 0</b>	
	water	fresh water	0 0,376	mg/L
	water	sea water fresh		mg/L
	water	water, sediment		mg/kg weight of dry material mg/kg weight of dry
	Water	morska voda, sediment	0,038	material mg/L
	sewage treatment plant (STP)	-	0,27	

## 8.2 Limitation and control of exposure

**Appropriate technical control facilities** Provide good ventilation of the room, possibly apply a suction device at the workplace.

### Personal protective equipment

#### Respiratory protection

When exceeding the limit values at the workplace, it is necessary to use a suitable device for respiratory protection.

If limit values are not available at the workplace, it is necessary to take adequate measures to protect the respiratory organs when creating aerosols and fog.

Respirator Filter Kombinationsfilter (EN141)

#### Eye / face protection

Safety glasses (EN 166)

#### Hand protection

In case of intense contact, use protective gloves (EN 374); In any case, it should be examined whether the protective gloves are suitable for a specific workplace (eg mechanical durability, compatibility with the product, antistatic). Follow the instructions for use and information related to the use, storage, care and shelf life of the protective gloves. Replace them immediately in case of damage or signs of wear. Organize work processes so that gloves do not have to be worn all the time.

Suitable material	nitrile rubber		
Penetration time Suitable material	>=	480	min
Other	Chloroprene		

#### protective measures

Chemical resistant work suit. protective shoes.

**Environmental exposure controls** No data available.

## SECTION 9: Physical and chemical properties

### 9.1 Data on basic physical and chemical properties

<b>Form / color</b>
aerosol
bezbojno
<b>The</b>
smell is characteristic
<b>Odor threshold</b>
No data
<b>pH value</b>

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No data	
<b>Boiling point / boiling range</b>	
Value	-44 °C
Source	supplier
<b>Melting point / melting range</b>	
No data	
<b>Point of interpretation / power of interpretation</b>	
No data	
<b>Flash point</b>	
Value	-97 °C
Source	supplier
<b>Flash point</b>	
Value	365 °C
Source	supplier
<b>Auto-ignition temperature</b>	
Source	supplier
Remark	The product is not self-igniting.
<b>Oxidizing properties</b>	
No data	
<b>Explosive properties</b>	
The product is not explosive. During use, it is possible to create vapor and air mixtures that are explosive / easily flammable.	
<b>Flammability (solid, gas) easily flammable</b>	
Source	supplier
<b>Lower limit of flammability or explosion</b>	
Value	0,9 Vol. %
Source	supplier
<b>Upper limit of flammability or explosion</b>	
Value	7 Vol. %
Source	supplier
<b>Steam pressure</b>	
Value	0,1 hPa
Source	supplier
<b>Gustina seems</b>	
No data	
<b>Evaporation rate</b>	
No data	
<b>Relative density</b>	
No data	
<b>Density</b>	
Value	0,45 g/cm <sup>3</sup>
Reference temperature	20 °C
Source	supplier
<b>Solubility in water</b>	
Source	supplier
Remark	partially possible mixing
<b>Solubility(ies)</b>	
No data	
<b>Partition coefficient: n-octanol/water</b>	

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Br. Ime materije 1	CAS	EZ-
Phenol, isopropylate, phosphate (3: 1) log Pow Izvor	number 68937-41-7	number 273-066-3
	4,92	- 5,17
	CHECK	

Viscosity		
Value	22	mm <sup>2</sup> /s
Reference temperature	40	°C
Source	supplier	

Solvent content	
Value	19,7 %

## 9.2 Other information

Other information No
information available.

## SECTION 10: Stability and reactivity

## 10.1 Reactivity No

data available.

## 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

## 10.3 Possibility of hazardous reactions

Formation of explosive mixtures with air.

## 10.4 Conditions to avoid

Temperatures &gt; 50 °C. Heat, open flames and other sources of ignition. Protect from solar radiation.

## 10.5 Intolerable substances

strong oxidizing agents; strong reducing agents

## 10.6 Hazardous decomposition

products No data available.

## SECTION 11: Toxicological information

## 11.1 Data on toxicological effects

Acute oral toxicity		
Br. Substance name	CAS	EZ-
1 Phenol, isopropylate, phosphate (3:1)	number 68937-41-7	number 273-066-3
LD50	>	5000 mg/kg of body weight
Species	Pacov CHECK	
Source	2 2-(2-Heptadec-8-enyl-2-imidazolin-1-yl)ethanol 95-38-5 202-414-9	
LD50	1265	mg/kg of body weight
Species	Pacov	
Method	OECD 401	
Source	CHECK	

Acute dermal toxicity No. Substance		
name	CAS	EC
1 Phenol, isopropylate, phosphate (3:1)	number 68937-41-7	number
LD50	>	10000 273-066-3 mg/kg body weight
Species	Zec	
Method	EPA 16 CFR 1500.40 ECHA	
Source		

Acute inhalation toxicity		

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Br.	Substance name	CAS	EC
1	Phenol, isopropylate, phosphate (3:1)	number 68937-41-7	number
	LC50	>	200
	Duration of exposure		4
	Aggregate state		273-066-3 mg/l hour
	Species	For	
	Source	Pacov	
		CHECK	

Irritant / irritating effect on the skin No. Substance			
name	1 Phenol, isopropylate, phosphate (3:1)	CAS	EZ-
		number 68937-41-7	number 273-066-3
	Species Rabbit Source ECHA Evaluation non-irritant 2 2-(2-heptadec-8-enyl-2-imidazolin-1-yl) ethanol 95-38-5	Duration of exposure	Species Method Source Evaluation
			202-414-9
		4	sat
		Zec	
		OECD 404	
		ECHA	
		corrosive	

Severe damage / severe eye irritation Item			
no.	Substance name 1 Phenol, isopropylate, phosphate (3:1)	CAS	EZ-
		number 68937-41-7	number 273-066-3
	Species	Zec	
	Source	ECHA	
	Valuation	not irritating	

Respiratory / skin sensitization	
No data	

The ability to mutate germinating cells	
No data	

Toxicity reproduction Br.			
Substance name	1 Phenol, isopropylate, phosphate (3:1)	CAS	EZ-
		number 68937-41-7	number 273-066-3
	Method of	orally	
	reception Species	rat (male / female)	
	Method Source	OECD 421	
	Assessment /	ECHA	
	classification	Classification criteria met due to available data.	

carcinogenicity	
No data	

Specific target organ toxicity at single exposure No data Specific target organ toxicity at repeated exposure No. Substance name CAS number 1 Phenol,			
isopropylate, phosphate (3:1) 68937-41-7			

Route of administration NOEC Duration			
of exposure	Target organ	Method	Source
			EZ-
			number 273-066-3
		orally	
		<	25
			13
		mg/kg	
		Sunday	
		adrenal OECD 408 ECHA May cause damage	
		to organs through prolonged or repeated exposure. 2-(2-heptadec-8-enyl-2-imidazolin-1-yl) ethanol 95-38-5 oral	
2			202-414-9
	Method of reception		
	NOAEL		20
		mg/kg bw/d	
	Species	Rat	
	Target authority	digestive tract, thymus gland	

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Method	OECD 422
Source	CHECK

<b>Aspiration hazard</b>
No data

## SECTION 12: Ecological information

### 12.1 Toxicity

Fish toxicity (acute)			
Br. Substance name	CAS	EC	
<b>1 Phenol, isopropylate, phosphate (3:1)</b>	<b>number 68937-41-7</b>	<b>number</b>	
LC50	10,8		
Duration of exposure	96	273-066-3 mg/l hour	
Species Pimephales promelas Source ECHA 2 2-(2-heptadec-8-enyl-2-imidazolin-1-yl) ethanol 95-38-5 LC50 Duration of exposure Species Method Source		202-414-9	
	0,25	- 0,37 96	mg/l time
	Denmark rerio	OECD 203	
	CHECK		

<b>Fish toxicity (chronic)</b>
No data

Daphnia toxicity (acute)			
Br. Substance name	CAS	EC	
<b>1 Phenol, isopropylate, phosphate (3:1)</b>	<b>number 68937-41-7</b>	<b>number</b>	
EC50	2,44		
Duration of exposure	48	273-066-3 mg/l hour	
Species Daphnia magna Source ECHA 2 2-(2-heptadec-8-enyl-2-imidazolin-1-yl) ethanol 95-38-5 EC50 Duration of exposure Species Method Source		202-414-9	
	0,163	48	mg/l time
	Daphnia magna		
	OECD 202		
	CHECK		

Daphnia toxicity (chronic)			
Br. Substance name	CAS	EC	
<b>1 Phenol, isopropylate, phosphate (3:1)</b>	<b>number 68937-41-7</b>	<b>number</b>	
NOEC	0,041		
Duration of exposure	21	273-066-3 mg/l day(s)	
Species Method Source	Daphnia magna	OECD 211	
	CHECK		

Algae toxicity (acute)			
Br. Substance name	CAS	EC	
<b>1 Phenol, isopropylate, phosphate (3:1)</b>	<b>number 68937-41-7</b>	<b>number</b>	
EC50 2.5 Duration of exposure 72 Species Pseudokirchneriella subcapitata Method OECD 201 Source		273-066-3 mg/l hour	
ECHA 2 2-(2-heptadec-8-enyl-2-imidazolin-1-yl) ethanol 95-38-5 EC50 Duration of exposure Species Method Source		202-414-9	
	0,03	72	mg/l time
	Desmodesmus subspicatus		
	OECD 201		
	CHECK		

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Algal toxicity (chronic)		
No.	Substance name CAS number	EC number
95-38-5	NOEC Duration of exposure Species Method Source	
	0,011 72	202-414-9 mg/lh
	green algae OECD 201 CHECK	

Bacteriological toxicity		
No data		

## 12.2 Persistence and degradability

Biodegradability No. Substance name		
Phenol, isopropylate, phosphate (3:1)	CAS number	EZ-number
	68937-41-7	273-066-3
Method	Aerobic biodegradability 17.9 28	
Value		%
Duration		and (i)
Method OECD 301 D Source ECHA Evaluation not readily biodegradable 2-		
(2-heptadec-8-enyl-2-imidazolin-1-yl) ethanol 95-38-5 2 Method Biodegradability		
Value 1 Duration 28 Method Source Valuation		202-414-9
		%
		and (i)
	OECD 301 B ECHA is not easily biodegradable	

## 12.3 Bioaccumulation potential

Bioconcentration factor (BCF)		
No.	Substance name CAS number	EZ-number
95-38-5	BCF Method Source	202-414-9
	2,57	
	QSAR CHECK	

Partition coefficient: n-octanol/water No. Name		
of substance 1 Phenol, isopropylate, phosphate (3: 1) log Pow Source	CAS number	EZ-number
	68937-41-7	273-066-3
	4,92	- 5,17
	CHECK	

## 12.4 Mobility in the country

No data available.

## 12.5 Results of PBT and vPvB assessment

No data available.

## 12.6 Other adverse effects

No data available.

## 12.7 Other information

Other information Do
not allow the product to enter the environment uncontrolled.

## SECTION 13: Instructions for safe disposal 13.1

### Waste treatment procedures

#### Product

Removal should take place in accordance with the regulations, after agreement with the competent local authorities and a waste disposal company in a suitable facility designated for this purpose.

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Adding a code to the waste according to the European Waste Catalog (AAV) is necessary after agreement with the regional waste removal company.

**Packaging**

Packaging under inert gas pressure is under pressure, must not be opened by force and must not be heated above 50 °C.

Throw away only completely (and from the remains) empty packages under pressure. Never burn empty packages under pressure. Do not perforate, cut, or weld unclean containers.

**SECTION 14: Transport information****14.1 Transport ADR/RID/ADN Class**

Classification code UN	2
number Name of goods with restrictions in tunnels Hazard list	5F UN1950 AEROSOLS D 2.1

**14.2 Transport IMDG**

Klasa UN broj	2 UN1950
Proper shipping name EmS Etiketa	AEROSOLS F- D, S-U 2.1

**14.3 Transport ICAO-TI / IATA Klasa**

UN broj Proper shipping name Etiketa	2.1 UN1950 Aerosols, flammable 2.1
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**14.4 Other data**

No data available.

**14.5 Environmental hazard**

Information regarding environmental hazards - if relevant - see 14.1 - 14.3.

**14.6 Special precautions for user**

No data available.

**14.7 Transport of bulk goods according to Annex II of the MARPOL 73/78 agreement and according to the IBC-Code**

Not relevant

**SECTION 15: Legal Regulations****15.1 Regulations regarding safety, health and environmental protection / specific legal regulations for the matter or mixture****EU regulations****Regulation (EU) no. 1907/2006 (REACH) annex XIV (register of substances for which authorization is required)**

According to the existing data and/or according to the pre-suppliers' statements, the product does not contain substance/s that are valid, according to the Regulation REACH (EC) 1907/2006 Annex XIV, as substance/s for which there is an obligation of approval.

**REACH candidate list of particularly hazardous substances (SVHC) for the procedure for obtaining a**

**permit** According to existing data and/or according to the statements of pre-suppliers, the product does not contain substance(s) which according to Article 57 in connection with Article 59 of the REACH Regulation (EC) 1907/2006 is valid/ e as a substance/s that is/are considered for inclusion in Annex XIV (list of substances for which there is an obligation of approval).

**Regulation (EU) no. 1907/2006 (REACH) Annex XVII: Restrictions on the production, placing on the market and use of certain dangerous substances, mixtures and products**

The product is subject to Regulation REACH (EC) 1907/2006 Annex XVII.

Br. 3

**Directive 2012/18/EC on the management of the situation in the event of serious accidents involving dangerous**

**substances** The product is subject to appendix I, part 1, hazard category:

P3a

**Trade name:** RONOL Cutting spray **Product**  
**number:** 65008 **Current version:** 1.0.0, done  
on: 07/04/2019

**Superseded version:** -, done on: -

**Region:** RS

Directive 2010/75/EU on the limitation of emissions of volatile organic compounds	
VOC content 30.13%	
VOC value 135.9 g/l	

Other
<b>regulations</b> When using this product, national regulations on health and safety at work must be applied.

## 15.2 Material safety assessment

A material safety assessment has not been done for the existing mixture.

## SECTION 16: Other information

**Sources of data that were used when compiling the safety data sheet** EC 1907/2006 (REACH), 1272/2008 (CLP) in the corresponding valid version. Directives EC 2000/39/EC, 2006/15/EC, 2009/161/EC National lists of limits for the atmosphere of certain countries in the corresponding valid version.

Transport regulations according to ADR, RID, IMDG, IATA in the corresponding valid version. The data sources used for the use of physical, toxicological and ecotoxicological data are listed directly in the appropriate chapter.

### Full name in section 2 and 3 of the listed H- and EUH-labels (if not already mentioned in the sections)

- H220 Highly flammable gas.  
H280 Contains gas under pressure, may explode if exposed to heat. Harmful if swallowed.  
H302  
H314 Causes severe skin burns and eye damage.  
H318 Causes severe eye damage.  
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
- H373 It can lead to organ damage due to long-term or repeated exposure.  
H373o If swallowed, it can lead to organ damage in case of long-term or repeated exposure.
- H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long-term consequences.

### Notes for identification, classification and labeling of substances (EC) no. 1272/2008, VI. supplement)

- C Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
- L The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London.
- IN This note applies only to certain complex oil-derived substances in Part 3. 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.

### Safety data sheet issuing authority UMCO

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The data is based on the current state of our knowledge and experience. The safety data sheet describes the products from the point of view of safety requirements. The data do not guarantee the properties of the product and do not constitute a basis for a legal relationship.

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