

**RUST KILLER**

Creation date	03rd November 2023	Version	1.0
Revision date			

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

- 1.1. Product identifier**  
Substance / mixture RUST KILLER  
mixture  
Number 1 35453  
UFI 1HP3-71S4-T81H-HVWT
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
**Mixture's intended use**  
Rust dissolver.  
**Main intended use**  
PC-CLN-OTH Other cleaning, care and maintenance products (excludes biocidal products)  
**Mixture uses advised against**  
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**  
**Supplier**  
Name or trade name RETECH, s.r.o.  
Address Vackova 1541/4, Praha 5 - Stodůlky, 155 00  
Czech Republic  
Identification number (CRN) 25018205  
VAT Reg No CZ25018205  
Phone +420327596428  
E-mail info@retech.cz  
Web address www.retech.com
- Competent person responsible for the safety data sheet**  
Name RETECH, s.r.o.  
E-mail info@retech.cz
- 1.4. Emergency telephone number**  
European emergency number: 112

**SECTION 2: Hazards identification**

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Skin Corr. 1, H314  
Eye Dam. 1, H318

Full text of all classifications and hazard statements is given in the section 16.

**Most serious adverse effects on human health and the environment**

Causes severe skin burns and eye damage. Causes serious eye damage.

- 2.2. Label elements**  
**Hazard pictogram**



**Signal word**  
Danger

**Hazard statements**

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

## RUST KILLER

Creation date	03rd November 2023	Version	1.0
Revision date			

P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.

**Supplemental information**

EUH071 Corrosive to the respiratory tract.

**2.3. Other hazards**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

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

**3.2. Mixtures**

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 015-011-00-6 CAS: 7664-38-2 EC: 231-633-2 Registration number: 01-2119485924-24	phosphoric acid 75%	10-<25	Met. Corr. 1, H290 Acute Tox. 4, H302 Skin Corr. 1B, H314 Specific concentration limit: Skin Corr. 1B, H314: C ≥ 25 % Eye Irrit. 2, H319: 10 % ≤ C < 25 % Skin Irrit. 2, H315: 10 % ≤ C < 25 %	1, 2
CAS: 160875-66-1 EC: 605-233-7	1-Heptanol, 2-propyl-, 7EO	1-<5	Eye Dam. 1, H318	
CAS: 64-17-5 EC: 200-578-6 Registration number: 01-2119457610-43	ethanol	<0,1	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 50 %	

**Notes**

- 1 Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
- 2 A substance for which exposure limits are set.

Full text of all classifications and hazard statements is given in the section 16.

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet. If unconscious, put the person in the stabilized (recovery) position on his side with his head slightly bent backwards and make sure that airways are free; never induce vomiting. If the person vomits by himself, make sure that the vomit is not inhaled. In life threatening conditions first of all provide resuscitation of the affected person and ensure medical assistance. Respiratory arrest - provide artificial respiration immediately. Cardiac arrest - provide indirect cardiac massage immediately.

**If inhaled**

Terminate the exposure immediately; move the affected person to fresh air. Take care of your own safety, do not let the affected person walk! Beware of the contaminated clothes. Depending on the situation, call the medical rescue service and ensure medical treatment considering the frequent need of further observation for at least 24 hours.

**RUST KILLER**

Creation date	03rd November 2023	Version	1.0
Revision date			

**If on skin**

Remove contaminated clothes. Take off any rings, watches, bracelets before or during washing if worn in the contaminated areas of the skin. Rinse contaminated areas with a flow of water, lukewarm at best, for 10-30 minutes; do not use any brush, soap or neutralizers. Depending on the situation, call the medical rescue service and always ensure medical treatment. Rinse cautiously with water for several minutes. Rinse skin with water or shower.

**If in eyes**

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

**If swallowed**

RINSE THE MOUTH WITH WATER IMMEDIATELY AND LET THE PERSON DRINK 2-5 dl of cold water to reduce the heating effect of the corrosive substance. Consuming larger amounts of liquid is not advisable as it may induce vomiting and potential inhaling of the corrosive substances in the lungs. The affected person must not be forced to drink, particularly if already feeling pain in the mouth or throat. In this case let the affected person only rinse the mouth with water. DO NOT PROVIDE ACTIVATED CARBON! Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible.

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

Inhaling vapours can cause corrosion of the breathing system.

**If on skin**

Causes severe skin burns.

**If in eyes**

Causes serious eye damage.

**If swallowed**

Corrosion of the digestion system can occur.

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

Symptomatic treatment.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

**Unsuitable extinguishing media**

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

**5.3. Advice for firefighters**

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes.

**6.2. Environmental precautions**

Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies.

**6.4. Reference to other sections**

See the Section 7, 8 and 13.

**RUST KILLER**

 Creation date 03rd November 2023  
 Revision date Version 1.0

**SECTION 7: Handling and storage**
**7.1. Precautions for safe handling**

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Do not inhale mist/vapours/spray. Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Keep only in original packaging. Store locked up.

Content	Packaging type	Material of package
1 l	bottle	HDPE

**The specific requirements or rules relating to the substance/mixture**

Do not store together with alkalis (caustic solutions). Do not store together with food, drink and animal feed.

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

not available

**SECTION 8: Exposure controls/personal protection**
**8.1. Control parameters**

The mixture contains substances for which occupational exposure limits are set.

**European Union**
**Commission Directive 2000/39/EC**

Substance name (component)	Type	Value
phosphoric acid 75% (CAS: 7664-38-2)	OEL 8 hours	1 mg/m <sup>3</sup>
	OEL 15 minutes	2 mg/m <sup>3</sup>

**DNEL**

ethanol					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	1900 mg/m <sup>3</sup>	Acute effects local		
Workers	Dermal	343 mg/kg bw/day	Chronic effects systemic		
Workers	Inhalation	960 mg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Inhalation	960 mg/m <sup>3</sup>	Acute effects local		
Consumers	Dermal	206 mg/kg bw/day	Chronic effects systemic		
Consumers	Inhalation	114 mg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Oral	87 mg/kg bw/day	Chronic effects systemic		

phosphoric acid 75%					
Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	2 mg/m <sup>3</sup>	Acute effects local		
Workers	Inhalation	1 mg/m <sup>3</sup>	Chronic effects local		
Workers	Inhalation	10.7 mg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Inhalation	0.36 mg/m <sup>3</sup>	Chronic effects local		
Consumers	Inhalation	4.57 mg/m <sup>3</sup>	Chronic effects systemic		
Consumers	Dermal	0.1 mg/kg bw/day	Chronic effects systemic		

**RUST KILLER**

Creation date

03rd November 2023

Revision date

Version

1.0

**PNEC**

ethanol			
Route of exposure	Value	Value determination	Source
Freshwater environment	0.96 mg/l		
Marine water	0.79 mg/l		
Water (intermittent release)	2.75 mg/l		
Microorganisms in sewage treatment	580 mg/l		
Freshwater sediment	3.6 mg/kg of dry substance		
Sea sediments	2.9 mg/kg of dry substance		
Soil (agricultural)	0.63 mg/kg of dry substance		
Food chain	720 mg/kg of food		

**8.2. Exposure controls**

Take off contaminated clothing and wash before reuse. Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

**Eye/face protection**

Protective goggles or face shield (based on the nature of the work performed).

**Skin protection**

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

**Respiratory protection**

Use a mask with filter when the exposition limits of the substances are exceeded or at the place with insufficient ventilation.

**Thermal hazard**

Not available.

**Environmental exposure controls**

Observe usual measures for protection of the environment, see Section 6.2.

**SECTION 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

Physical state	liquid
Colour	colourless
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	100 °C
Flammability	The product is non-flammable.
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	1-2 (undiluted)
Kinematic viscosity	data not available
Solubility in water	soluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available

**RUST KILLER**

Creation date	03rd November 2023	Version	1.0
Revision date			

Density and/or relative density	data not available
Relative vapour density	1-1.05
Particle characteristics	data not available
Form	liquid

**9.2. Other information**

Explosive properties The product does not have explosive properties.

**SECTION 10: Stability and reactivity**
**10.1. Reactivity**

not available

**10.2. Chemical stability**

The product is stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Unknown.

**10.4. Conditions to avoid**

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

**10.5. Incompatible materials**

Protect against strong acids, bases and oxidizing agents.

**10.6. Hazardous decomposition products**

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

**SECTION 11: Toxicological information**
**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

**Acute toxicity**

Based on the available data, the criteria for classification of the mixture are not met.

RUST KILLER							
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination
Oral	ATE		4959 mg/kg				Calculation of value
Dermal	ATE		12000000000 mg/kg				Calculation of value
Inhalation (vapor)	ATE		20000000 mg/l				Calculation of value

ethanol							
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination
Oral	LD <sub>50</sub>	OECD 401	10470 mg/kg		Rat		Literary studies
Inhalation (vapor)	LC <sub>50</sub>	OECD 403	116.9 mg/l	4 hours	Rat	M	Literary studies

phosphoric acid 75%							
Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Value determination
Inhalation	LC <sub>50</sub>		850 mg/l	2 hours	Rat		
Dermal	LD <sub>50</sub>		2740 mg/kg		Rabbit		

**RUST KILLER**

Creation date 03rd November 2023

Revision date

Version

1.0

**Skin corrosion/irritation**

Causes severe skin burns and eye damage.

ethanol					
Route of exposure	Result	Method	Exposure time	Species	Value determination
Skin	Not irritating	OECD 404		Rabbit	Literary studies

phosphoric acid 75%					
Route of exposure	Result	Method	Exposure time	Species	Value determination
Skin	Corrosive		24 hours	Rabbit	

**Serious eye damage/irritation**

Causes severe skin burns and eye damage. Causes serious eye damage.

ethanol					
Route of exposure	Result	Method	Exposure time	Species	Value determination
Eye	Irritating	OECD 405		Rabbit	Literary studies

phosphoric acid 75%					
Route of exposure	Result	Method	Exposure time	Species	Value determination
Eye	Corrosive			Rabbit	

**Respiratory or skin sensitisation**

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

ethanol						
Route of exposure	Result	Method	Exposure time	Species	Sex	Value determination
Skin	Not sensitizing	OECD 429		Mouse		Literary studies

**Germ cell mutagenicity**

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

ethanol							
Result	Method	Exposure time	Specific target organ	Species	Sex	Value determination	Source
Negative	OECD 471			Bacteria (Salmonella typhimurium)		Literary studies	

phosphoric acid 75%							
Result	Method	Exposure time	Specific target organ	Species	Sex	Value determination	Source
Negative	OECD 471			Bacteria (Salmonella typhimurium)			in vitro
Negative	OECD 471			Bacteria (Escherichia coli)			in vitro

**RUST KILLER**

Creation date

03rd November 2023

Revision date

Version

1.0

phosphoric acid 75%							
Result	Method	Exposure time	Specific target organ	Species	Sex	Value determination	Source
Negative	OECD 473		Lymphatic system	Human			in vitro
Negative	OECD 476		Lymphatic system	Mammals			in vitro

**Carcinogenicity**

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

phosphoric acid 75%					
Route of exposure	Parameter	Value	Result	Species	Sex
			Negative		

**Reproductive toxicity**

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

phosphoric acid 75%									
Effect	Parameter	Method	Value	Specific target organ	Result	Species	Sex	Value determination	Source
Developmental toxicity	NOAEL	OECD 414	≥410 mg/kg bw/day	Fetus	No effect	Rat		Analogous approach	Wistar
Effects on fertility	NOAEL F <sub>1</sub>	OECD 422	≥500 mg/kg bw/day		No effect	Rat			Sprague-Dawley

**Toxicity for specific target organ - single exposure**

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

phosphoric acid 75%					
Route of exposure	Parameter	Value	Result	Species	Sex
			No effect		

**Toxicity for specific target organ - repeated exposure**

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

phosphoric acid 75%							
Route of exposure	Parameter	Method	Value	Exposure time	Result	Species	Sex
Oral		OECD 422	250 mg/kg bw/day	90 days	No effect	Rat	

**Aspiration hazard**

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.



**RUST KILLER**

Creation date 03rd November 2023  
Revision date Version 1.0

**11.2. Information on other hazards**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

**Acute toxicity**

ethanol						
Parameter	Method	Value	Exposure time	Species	Environment	Value determination
LC <sub>50</sub>		14200 mg/l	96 hours	Fish (Pimephales promelas)		Literary studies, Continuous system
EC <sub>50</sub>		5012 mg/l	48 hours	Daphnia (Ceriodaphnia dubia)		Literary studies, Static system
ErC <sub>50</sub>	OECD 201	275 mg/l	72 hours	Algae (Chlorella vulgaris)		Literary studies

phosphoric acid 75%						
Parameter	Method	Value	Exposure time	Species	Environment	Value determination
LC <sub>50</sub>		3-3.25 mg/l	96 hours	Fish (Lepomis macrochirus)		
EC <sub>50</sub>	OECD 202	>100 mg/l	48 hours	Daphnia (Daphnia magna)		Static system
EC <sub>50</sub>	OECD 201	>100 mg/l	72 hours	Algae (Desmodesmus subspicatus)		Static system, Indicator of growth
EC <sub>50</sub>	OECD 209	>1000 mg/l	3 hours		Activated sludge	

**Chronic toxicity**

ethanol						
Parameter	Method	Value	Exposure time	Species	Environment	Value determination
NOEC		9.6 mg/l	9 days	Daphnia (Daphnia magna)		Literary studies, Semi static system

phosphoric acid 75%						
Parameter	Method	Value	Exposure time	Species	Environment	Value determination
NOEC	OECD 201	100 mg/l	72 hours	Algae (Desmodesmus subspicatus)		Static system, Indicator of growth

**12.2. Persistence and degradability**

Data for the mixture are not available.

**Biodegradability**

ethanol					
Parameter	Value	Exposure time	Environment	Value determination	Result
		28 days		Literary studies	Easily biodegradable

**RUST KILLER**

Creation date 03rd November 2023  
Revision date Version 1.0

ethanol					
Parameter	Value	Exposure time	Environment	Value determination	Result
BSK	1.5 mg			Calculation of value	

**12.3. Bioaccumulative potential**

No data are available for either the mixture or the components.

**12.4. Mobility in soil**

Data for the mixture are not available.

ethanol				
Parameter	Value	Environment	Temperature	Result
				High

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

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

**12.6. Endocrine disrupting properties**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

**12.7. Other adverse effects**

Not available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

**Waste management legislation**

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

**SECTION 14: Transport information**

**14.1. UN number or ID number**

UN 1760

**14.2. UN proper shipping name**

CORROSIVE LIQUID, N.O.S. (phosphoric acid)

**14.3. Transport hazard class(es)**

8 Corrosive substances

**14.4. Packing group**

III - substances presenting low danger

**14.5. Environmental hazards**

No.

**14.6. Special precautions for user**

Reference in the Sections 4 to 8.

**14.7. Maritime transport in bulk according to IMO instruments**

not relevant

**RUST KILLER**

Creation date	03rd November 2023	Version	1.0
Revision date			

**Additional information**

Hazard identification No.  
UN number  
Classification code  
Safety signs

<b>80</b>
<b>1760</b>
C9
8

**Road transport - ADR**

Limited quantities	5 L
Excepted quantities	E1
Transport category	3
Tunnel restriction code	(E)

**Railway transport - RID**

Excepted quantities	E1
---------------------	----

**Air transport - ICAO/IATA**

Packaging instructions for limited amount	Y841
Packaging instructions passenger	852
Cargo packaging instructions	856

**Marine transport - IMDG**

EmS (emergency plan)	F-A, S-B
MFAG	760

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**15.2. Chemical safety assessment**

not available

**SECTION 16: Other information****A list of standard risk phrases used in the safety data sheet**

H225	Highly flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

**Guidelines for safe handling used in the safety data sheet**

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

**RUST KILLER**

Creation date	03rd November 2023	Version	1.0
Revision date			

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

**A list of additional standard phrases used in the safety data sheet**

EUH071 Corrosive to the respiratory tract.

**Other important information about human health protection**

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

**Key to abbreviations and acronyms used in the safety data sheet**

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
BOD	Biochemical oxygen demand
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
log K <sub>ow</sub>	Octanol-water partition coefficient
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.	Acute toxicity
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquid
Met. Corr.	Corrosive to metals
Skin Corr.	Skin corrosion

**Training guidelines**

**RUST KILLER**

Creation date	03rd November 2023	Version	1.0
Revision date			

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

**Recommended restrictions of use**

not available

**Information about data sources used to compile the Safety Data Sheet**

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

**More information**

Classification procedure - calculation method.

**Statement**

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.