

NEUTRALIZATOR RDZY - RUST CONVERTOR

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** NEUTRALIZATOR RDZY - RUST CONVERTOR
Other means of identification:
UFI: UYM7-M15C-940H-2S32
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant uses (Professional users): For use in rust and corrosion protection systems.
Relevant uses (Industrial user): For use in rust and corrosion protection systems.
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**
"BOLL" Wojciech Dalewski Spółka Jawna
ul. Chemiczna 3
65-713 Zielona Góra - Polska
Phone: 68 451 99 99 - Fax: 68 451 99 00
huszcza@boll.pl
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- 1.4 Emergency telephone number:** +48 68 451 99 99 (OPEN 8.00 a.m. - 4.00 p.m.)

SECTION 2: HAZARDS IDENTIFICATION **

- 2.1 Classification of the substance or mixture:**
CLP Regulation (EC) No 1272/2008:
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.
Acute Tox. 4: Acute inhalation toxicity, Category 4, H332
Asp. Tox. 1: Aspiration hazard, Category 1, H304
Carc. 2: Carcinogenicity, Category 2, H351
Eye Irrit. 2: Eye irritation, Category 2, H319
Flam. Liq. 2: Flammable liquids, Category 2, H225
Skin Irrit. 2: Skin irritation, Category 2, H315
STOT RE 2: Specific target organ toxicity — Repeated exposure, Hazard Category 2, H373
STOT SE 3: Specific toxicity causing drowsiness and dizziness, single exposure, Category 3, H336
- 2.2 Label elements:**
CLP Regulation (EC) No 1272/2008:
Danger
-   
- Hazard statements:**
H225 - Highly flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H336 - May cause drowsiness or dizziness.
H351 - Suspected of causing cancer.
H373 - May cause damage to organs through prolonged or repeated exposure.
- Precautionary statements:**

** Changes with regards to the previous version

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**NEUTRALIZATOR RDZY - RUST CONVERTOR****SECTION 2: HAZARDS IDENTIFICATION ** (continued)**

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P260: Do not breathe vapours
 P270: Do not eat, drink or smoke when using this product.
 P280: Wear protective gloves/protective clothing/respiratory protection/eye protection.
 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.
 P312: Call a POISON CENTER/doctor if you feel unwell.
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

Supplementary information:

EUH066: Repeated exposure may cause skin dryness or cracking.

Substances that contribute to the classification

4-methylpentan-2-one; Reaction mass of ethylbenzene and xylene; N-butyl acetate

UFI: UYM7-M15C-940H-2S32

2.3 Other hazards:

Product does not meet PBT/vPvB criteria

Endocrine-disrupting properties: The product does not meet the criteria.

** Changes with regards to the previous version

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ****3.1 Substance:**

Not relevant

3.2 Mixture:

Chemical description: Mixture composed of organic substances

Components:

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

Identification	Chemical name/Classification		Concentration
CAS: 108-10-1 EC: 203-550-1 Index: 606-004-00-4 REACH: 01-2119473980-30-XXXX	4-methylpentan-2-one⁽¹⁾ Regulation 1272/2008	ATP ATP17 Acute Tox. 4: H332; Carc. 2: H351; Eye Irrit. 2: H319; Flam. Liq. 2: H225; STOT SE 3: H336; EUH066 - Danger	25 - <35%
CAS: Not relevant EC: 905-588-0 Index: Not relevant REACH: 01-2119539452-40-XXXX	Reaction mass of ethylbenzene and xylene⁽¹⁾ Regulation 1272/2008	Self-classified Acute Tox. 4: H312+H332; Asp. Tox. 1: H304; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H335 - Danger	10 - <20%
CAS: 123-86-4 EC: 204-658-1 Index: 607-025-00-1 REACH: 01-2119485493-29-XXXX	N-butyl acetate⁽¹⁾ Regulation 1272/2008	ATP CLP00 Flam. Liq. 3: H226; STOT SE 3: H336; EUH066 - Warning	10 - <20%
CAS: 108-65-6 EC: 203-603-9 Index: 607-195-00-7 REACH: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate⁽²⁾ Regulation 1272/2008	ATP ATP01 Flam. Liq. 3: H226 - Warning	5 - <10%
CAS: 107-98-2 EC: 203-539-1 Index: 603-064-00-3 REACH: 01-2119457435-35-XXXX	1-methoxy-2-propanol⁽¹⁾ Regulation 1272/2008	ATP ATP01 Flam. Liq. 3: H226; STOT SE 3: H336 - Warning	3 - <6%

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

⁽²⁾ Substance with a Union workplace exposure limit

⁽³⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

** Changes with regards to the previous version

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NEUTRALIZATOR RDZY - RUST CONVERTOR
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS ** (continued)

Identification	Chemical name/Classification	Concentration
CAS: 78-83-1 EC: 201-148-0 Index: 603-108-00-1 REACH: 01-2119484609-23-XXXX	2-methylpropan-1-ol⁽¹⁾ ATP CLP00	1.5%
	Regulation 1272/2008 Eye Dam. 1: H318; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335; STOT SE 3: H336 - Danger	
CAS: 64-18-6 EC: 200-579-1 Index: 607-001-00-0 REACH: 01-2119491174-37-XXXX	Formic acid⁽²⁾ ATP ATP22	1.5%
	Regulation 1272/2008 Acute Tox. 3: H331; Acute Tox. 4: H302; Eye Dam. 1: H318; Flam. Liq. 3: H226; Met. Corr. 1: H290; Skin Corr. 1A: H314; EUH071 - Danger	
CAS: 71-36-3 EC: 200-751-6 Index: 603-004-00-6 REACH: 01-2119484630-38-XXXX	butan-1-ol⁽³⁾ Self-classified	1%
	Regulation 1272/2008 Acute Tox. 4: H302; Eye Dam. 1: H318; Flam. Liq. 3: H226; Skin Irrit. 2: H315; STOT SE 3: H335; STOT SE 3: H336 - Danger	

⁽¹⁾ Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

⁽²⁾ Substance with a Union workplace exposure limit

⁽³⁾ Voluntarily-listed substance failing to meet any of the criteria set out in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

Other information:

Identification	Specific concentration limit
Reaction mass of ethylbenzene and xylene CAS: Not relevant EC: 905-588-0	% (w/w) >=10: STOT RE 2 - H373
Formic acid CAS: 64-18-6 EC: 200-579-1	% (w/w) >=85: Flam. Liq. 3 - H226 % (w/w) >=90: Skin Corr. 1A - H314 10<= % (w/w) <90: Skin Corr. 1B - H314 2<= % (w/w) <10: Skin Irrit. 2 - H315 % (w/w) >=10: Eye Dam. 1 - H318 2<= % (w/w) <10: Eye Irrit. 2 - H319

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

Identification	Acute toxicity		Genus
Reaction mass of ethylbenzene and xylene CAS: Not relevant EC: 905-588-0	LD50 oral	Not relevant	
	LD50 dermal	1100 mg/kg	
	LC50 inhalation vapour	11 mg/L	
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	LD50 oral	Not relevant	
	LD50 dermal	Not relevant	
	LC50 inhalation vapour	11 mg/L	
Formic acid CAS: 64-18-6 EC: 200-579-1	LD50 oral	500 mg/kg	
	LD50 dermal	Not relevant	
	LC50 inhalation vapour	7,4 mg/L	
butan-1-ol CAS: 71-36-3 EC: 200-751-6	LD50 oral	500 mg/kg	
	LD50 dermal	Not relevant	
	LC50 inhalation vapour	Not relevant	

** Changes with regards to the previous version

SECTION 4: FIRST AID MEASURES
4.1 Description of first aid measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

Remove the affected person from the area of exposure, provide them with fresh air, and keep them at rest. In severe cases such as cardiorespiratory arrest, administer artificial respiration techniques if properly trained (CPR, oxygen provision, etc.) and seek immediate medical assistance.

By skin contact:

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**NEUTRALIZATOR RDZY - RUST CONVERTOR****SECTION 4: FIRST AID MEASURES (continued)**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Request medical assistance immediately, showing the SDS of this product. Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. In the case of loss of consciousness do not administer anything orally unless supervised by a doctor. Rinse out the mouth and throat, as they may have been affected during ingestion. Keep the person affected at rest.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Not available

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media:****Suitable extinguishing media:**

Foam extinguisher (AB), Dry Chemical Powder (ABC) Fire Extinguisher, Carbon dioxide extinguisher (BC)

Unsuitable extinguishing media:

Water jet

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EEC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures:****For non-emergency personnel:**

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up:

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**NEUTRALIZATOR RDZY - RUST CONVERTOR****SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)**

It is recommended:

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling:**

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Transfer in well ventilated areas, preferably through localized extraction. Fully control sources of ignition (mobile phones, sparks,...) and ventilate during cleaning operations. Avoid the existence of dangerous atmospheres inside containers, applying inertization systems where possible. Transfer at a slow speed to avoid the creation of electrostatic charges. Against the possibility of electrostatic charges: ensure a perfect equipotential connection, always use groundings, do not wear work clothes made of acrylic fibres, preferably wearing cotton clothing and conductive footwear. Comply with the essential security requirements for equipment and systems defined in Directive 2014/34/EC (ATEX 100) and with the minimum requirements for protecting the security and health of workers under the selection criteria of Directive 1999/92/EC (ATEX 137). Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

A.- Specific storage requirements

Minimum Temp.: 10 °C

Maximum Temp.: 25 °C

Maximum time: 24 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

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NEUTRALIZATOR RDZY - RUST CONVERTOR
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Directive (EU) 2000/39, Directive 2004/37/EC, Directive (EU) 2006/15, Directive (EU) 2009/161, Directive (EU) 2017/164, Directive (EU) 2019/1831:

Identification	Occupational exposure limits		
	IOELV (8h)	ppm	mg/m ³
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	IOELV (8h)	20 ppm	83 mg/m ³
	IOELV (STEL)	50 ppm	208 mg/m ³
Reaction mass of ethylbenzene and xylene CAS: Not relevant EC: 905-588-0	IOELV (8h)	50 ppm	221 mg/m ³
	IOELV (STEL)	100 ppm	442 mg/m ³
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	IOELV (8h)	50 ppm	241 mg/m ³
	IOELV (STEL)	150 ppm	723 mg/m ³
2-methoxy-1-methylethyl acetate ⁽¹⁾ CAS: 108-65-6 EC: 203-603-9	IOELV (8h)	50 ppm	275 mg/m ³
	IOELV (STEL)	100 ppm	550 mg/m ³
1-methoxy-2-propanol ⁽¹⁾ CAS: 107-98-2 EC: 203-539-1	IOELV (8h)	100 ppm	375 mg/m ³
	IOELV (STEL)	150 ppm	568 mg/m ³
Formic acid CAS: 64-18-6 EC: 200-579-1	IOELV (8h)	5 ppm	9 mg/m ³
	IOELV (STEL)		

⁽¹⁾ Skin

DNEL (Workers):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	11,8 mg/kg	Not relevant
	Inhalation	208 mg/m ³	208 mg/m ³	83 mg/m ³	83 mg/m ³
Reaction mass of ethylbenzene and xylene CAS: Not relevant EC: 905-588-0	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	212 mg/kg	Not relevant
	Inhalation	442 mg/m ³	442 mg/m ³	221 mg/m ³	221 mg/m ³
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	11 mg/kg	Not relevant	11 mg/kg	Not relevant
	Inhalation	600 mg/m ³	600 mg/m ³	300 mg/m ³	300 mg/m ³
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	796 mg/kg	Not relevant
	Inhalation	Not relevant	550 mg/m ³	275 mg/m ³	Not relevant
1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	183 mg/kg	Not relevant
	Inhalation	553,5 mg/m ³	553,5 mg/m ³	369 mg/m ³	Not relevant
2-methylpropan-1-ol CAS: 78-83-1 EC: 201-148-0	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	Not relevant	Not relevant	310 mg/m ³
Formic acid CAS: 64-18-6 EC: 200-579-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	Not relevant	Not relevant	9,5 mg/m ³
butan-1-ol CAS: 71-36-3 EC: 200-751-6	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	Not relevant	Not relevant	310 mg/m ³

DNEL (General population):

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	Oral	Not relevant	Not relevant	4,2 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	4,2 mg/kg	Not relevant
	Inhalation	155,2 mg/m ³	155,2 mg/m ³	14,7 mg/m ³	14,7 mg/m ³
Reaction mass of ethylbenzene and xylene CAS: Not relevant EC: 905-588-0	Oral	Not relevant	Not relevant	12,5 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	125 mg/kg	Not relevant
	Inhalation	260 mg/m ³	260 mg/m ³	65,3 mg/m ³	65,3 mg/m ³

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NEUTRALIZATOR RDZY - RUST CONVERTOR
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	Oral	2 mg/kg	Not relevant	2 mg/kg	Not relevant
	Dermal	6 mg/kg	Not relevant	6 mg/kg	Not relevant
	Inhalation	300 mg/m ³	300 mg/m ³	35,7 mg/m ³	35,7 mg/m ³
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	Oral	Not relevant	Not relevant	36 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	320 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	33 mg/m ³	33 mg/m ³
1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1	Oral	Not relevant	Not relevant	33 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	78 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	43,9 mg/m ³	Not relevant
2-methylpropan-1-ol CAS: 78-83-1 EC: 201-148-0	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	Not relevant	Not relevant	55 mg/m ³
Formic acid CAS: 64-18-6 EC: 200-579-1	Oral	Not relevant	Not relevant	Not relevant	Not relevant
	Dermal	Not relevant	Not relevant	Not relevant	Not relevant
	Inhalation	Not relevant	Not relevant	Not relevant	3 mg/m ³
butan-1-ol CAS: 71-36-3 EC: 200-751-6	Oral	Not relevant	Not relevant	1,562 mg/kg	Not relevant
	Dermal	Not relevant	Not relevant	3,125 mg/kg	Not relevant
	Inhalation	Not relevant	Not relevant	55,357 mg/m ³	155 mg/m ³

PNEC:

Identification					
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	STP	27,5 mg/L	Fresh water	0,6 mg/L	
	Soil	1,3 mg/kg	Marine water	0,06 mg/L	
	Intermittent	1,5 mg/L	Sediment (Fresh water)	8,27 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,83 mg/kg	
Reaction mass of ethylbenzene and xylene CAS: Not relevant EC: 905-588-0	STP	6,58 mg/L	Fresh water	0,327 mg/L	
	Soil	2,31 mg/kg	Marine water	0,327 mg/L	
	Intermittent	0,327 mg/L	Sediment (Fresh water)	12,46 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	12,46 mg/kg	
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	STP	35,6 mg/L	Fresh water	0,18 mg/L	
	Soil	0,09 mg/kg	Marine water	0,018 mg/L	
	Intermittent	0,36 mg/L	Sediment (Fresh water)	0,981 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,098 mg/kg	
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	STP	100 mg/L	Fresh water	0,635 mg/L	
	Soil	0,29 mg/kg	Marine water	0,064 mg/L	
	Intermittent	6,35 mg/L	Sediment (Fresh water)	3,29 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,329 mg/kg	
1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1	STP	100 mg/L	Fresh water	10 mg/L	
	Soil	4,59 mg/kg	Marine water	1 mg/L	
	Intermittent	100 mg/L	Sediment (Fresh water)	52,3 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	5,2 mg/kg	
2-methylpropan-1-ol CAS: 78-83-1 EC: 201-148-0	STP	10 mg/L	Fresh water	0,4 mg/L	
	Soil	0,076 mg/kg	Marine water	0,04 mg/L	
	Intermittent	11 mg/L	Sediment (Fresh water)	1,56 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	0,156 mg/kg	
Formic acid CAS: 64-18-6 EC: 200-579-1	STP	7,2 mg/L	Fresh water	2 mg/L	
	Soil	1,5 mg/kg	Marine water	0,2 mg/L	
	Intermittent	1 mg/L	Sediment (Fresh water)	13,4 mg/kg	
	Oral	Not relevant	Sediment (Marine water)	1,34 mg/kg	

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NEUTRALIZATOR RDZY - RUST CONVERTOR

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Identification				
butan-1-ol CAS: 71-36-3 EC: 200-751-6	STP	2476 mg/L	Fresh water	0,082 mg/L
	Soil	0,017 mg/kg	Marine water	0,008 mg/L
	Intermittent	2,25 mg/L	Sediment (Fresh water)	0,324 mg/kg
	Oral	Not relevant	Sediment (Marine water)	0,032 mg/kg

8.2 Exposure controls:

A.- Individual protection measures, such as personal protective equipment

In accordance with the order of importance to control professional exposure (Directive 98/24/EC) it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the occupational exposure limits. In case of using personal protective equipment it should have CE marking in accordance with Directive 2016/425/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For additional information see subsection 7.1.
All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory respiratory tract protection	Filter mask for gases and vapours (Filter type: A2)		EN 405:2001+A1:2009	Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment.

C.- Specific protection for the hands

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory hand protection	Chemical protective gloves (Material: Linear low-density polyethylene (LLDPE), Breakthrough time: > 480 min, Thickness: 0.062 mm)		EN ISO 21420:2020	Replace the gloves at any sign of deterioration.

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.		EN ISO 16321-1:2022 + EN ISO 16321-3:2022 EN ISO 4007:2018	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Labelling	CEN Standard	Remarks
 Mandatory complete body protection	Disposable clothing for protection against chemical risks, with antistatic and fireproof properties		EN 1149-1,2,3 EN 13034:2005+A1:2009 EN ISO 13982-1:2004/A1:2010 ISO 6529:2013 EN ISO 6530:2005 EN ISO 13688:2013/A1:2021 EN 464:1994	For professional use only. Clean periodically according to the manufacturer's instructions.

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

- CONTINUED ON NEXT PAGE -

**NEUTRALIZATOR RDZY - RUST CONVERTOR****SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

Volatile organic compounds:

With regard to Directive 2010/75/EU, this product has the following characteristics:

V.O.C. (Supply):	94,2 % weight
V.O.C. density at 20 °C:	876,06 kg/m ³ (876,06 g/L)
Average carbon number:	6,17
Average molecular weight:	106,08 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

Appearance:

Physical state at 20 °C:	Liquid
Appearance:	Fluid
Colour:	 Amber
Odour:	Characteristic
Odour threshold:	Not available *

Volatility:

Boiling point at atmospheric pressure:	Not available *
Vapour pressure at 20 °C:	Not available *
Vapour pressure at 50 °C:	Not available *
Evaporation rate at 20 °C:	Not available *

Product description:

Density at 20 °C:	930 kg/m ³
Relative density at 20 °C:	0,93
Dynamic viscosity at 20 °C:	Not available *
Kinematic viscosity at 20 °C:	Not available *
Kinematic viscosity at 40 °C:	<=20,5 mm ² /s
Concentration:	Not available *
pH:	Not available *
Vapour density at 20 °C:	Not available *
Partition coefficient n-octanol/water 20 °C:	Not available *
Solubility in water at 20 °C:	Not available *
Solubility properties:	Insoluble
Decomposition temperature:	Not available *
Melting point/freezing point:	Not available *

Flammability:

Flash Point:	14 °C
Flammability (solid, gas):	Not available *
Autoignition temperature:	>225 °C
Lower flammability limit:	Not available *
Upper flammability limit:	Not available *

Particle characteristics:

*Not available due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -

**NEUTRALIZATOR RDZY - RUST CONVERTOR****SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Median equivalent diameter: Not available *

9.2 Other information:**Information with regard to physical hazard classes:**

Explosive properties: Not available *

Oxidising properties: Not available *

Corrosive to metals: Not available *

Heat of combustion: Not available *

Aerosols-total percentage (by mass) of flammable components: Not available *

Other safety characteristics:

Surface tension at 20 °C: Not available *

Refraction index: Not available *

*Not available due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Risk of combustion	Avoid direct impact	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

Contains substances which require external energy for spontaneous decomposition. Form explosive peroxides when distilled, evaporated or otherwise concentrated.

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

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. It is recommended not to breathe the vapours for prolonged periods of time due to the possibility of effects that are hazardous to the health .

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

**NEUTRALIZATOR RDZY - RUST CONVERTOR****SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)****B- Inhalation (acute effect):**

- Acute toxicity : Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- Corrosivity/Irritability: Prolonged inhalation of the product is corrosive to mucous membranes and the upper respiratory tract

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Causes serious eye irritation.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Exposure to this product can cause cancer. For more specific information on the possible health effects see section 2.
IARC: Reaction mass of ethylbenzene and xylene (3: Not classifiable as to its carcinogenicity to humans); 4-methylpentan-2-one (2B: Possibly carcinogenic to humans)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- Skin: Repeated exposure may cause skin dryness or cracking

H- Aspiration hazard:

May be fatal if swallowed and enters airways.

Other information:

Not relevant

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Reaction mass of ethylbenzene and xylene CAS: Not relevant EC: 905-588-0	LD50 oral	3523 mg/kg	Rat
	LD50 dermal	1100 mg/kg	
	LC50 inhalation vapour	11 mg/L	
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	LD50 oral	12789 mg/kg	Rat
	LD50 dermal	14112 mg/kg	Rabbit
	LC50 inhalation vapour	23,4 mg/L (4 h)	Rat
2-methylpropan-1-ol CAS: 78-83-1 EC: 201-148-0	LD50 oral	3350 mg/kg	Rat
	LD50 dermal	2460 mg/kg	Rabbit
	LC50 inhalation vapour	24,6 mg/L (4 h)	Rat
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	LD50 oral	8532 mg/kg	Rat
	LD50 dermal	5100 mg/kg	Rat
	LC50 inhalation vapour	30 mg/L (4 h)	Rat

** Changes with regards to the previous version

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NEUTRALIZATOR RDZY - RUST CONVERTOR
SECTION 11: TOXICOLOGICAL INFORMATION ** (continued)

Identification	Acute toxicity		Genus
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	LD50 oral	>2000 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	11 mg/L	
1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1	LD50 oral	4016 mg/kg	Rat
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	>20 mg/L	
Formic acid CAS: 64-18-6 EC: 200-579-1	LD50 oral	500 mg/kg	
	LD50 dermal	>2000 mg/kg	
	LC50 inhalation vapour	7,4 mg/L	
butan-1-ol CAS: 71-36-3 EC: 200-751-6	LD50 oral	500 mg/kg	
	LD50 dermal	3400 mg/kg	Rabbit
	LC50 inhalation vapour	24 mg/L (4 h)	Rat

11.2 Information on other hazards:
Endocrine disrupting properties

Endocrine-disrupting properties: The product does not meet the criteria.

Other information

Not relevant

** Changes with regards to the previous version

SECTION 12: ECOLOGICAL INFORMATION **

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Toxicity:
Acute toxicity:

Identification	Concentration	Species	Genus
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	LC50 900 mg/L (48 h)	Leuciscus idus	Fish
	EC50 862 mg/L (24 h)	Daphnia magna	Crustacean
	EC50 980 mg/L (48 h)	Scenedesmus subspicatus	Algae
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	LC50 Not relevant		
	EC50 Not relevant		
	EC50 675 mg/L (72 h)	Scenedesmus subspicatus	Algae
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	LC50 161 mg/L (96 h)	Pimephales promelas	Fish
	EC50 481 mg/L (48 h)	Daphnia sp.	Crustacean
	EC50 Not relevant		
1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1	LC50 20800 mg/L (96 h)	Pimephales promelas	Fish
	EC50 23300 mg/L (48 h)	Daphnia magna	Crustacean
	EC50 1000 mg/L (168 h)	Selenastrum capricornutum	Algae
2-methylpropan-1-ol CAS: 78-83-1 EC: 201-148-0	LC50 2030 mg/L (96 h)	Carassius auratus	Fish
	EC50 1439 mg/L (48 h)	Daphnia magna	Crustacean
	EC50 1250 mg/L (48 h)	Scenedesmus subspicatus	Algae
Formic acid CAS: 64-18-6 EC: 200-579-1	LC50 175 mg/L (24 h)	Lepomis macrochirus	Fish
	EC50 120 mg/L (48 h)	Daphnia magna	Crustacean
	EC50 26,9 mg/L (72 h)	Scenedesmus subspicatus	Algae
butan-1-ol CAS: 71-36-3 EC: 200-751-6	LC50 1740 mg/L (96 h)	Pimephales promelas	Fish
	EC50 1983 mg/L (48 h)	Daphnia magna	Crustacean
	EC50 500 mg/L (96 h)	Scenedesmus subspicatus	Algae

Chronic toxicity:

** Changes with regards to the previous version

- CONTINUED ON NEXT PAGE -

NEUTRALIZATOR RDZY - RUST CONVERTOR
SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Concentration	Species	Genus
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	NOEC	Not relevant	
	NOEC	78 mg/L	Daphnia magna Crustacean
Reaction mass of ethylbenzene and xylene CAS: Not relevant EC: 905-588-0	NOEC	1,3 mg/L	Oncorhynchus mykiss Fish
	NOEC	1,17 mg/L	Ceriodaphnia dubia Crustacean
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	NOEC	Not relevant	
	NOEC	23,2 mg/L	Daphnia magna Crustacean
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	NOEC	47,5 mg/L	Oryzias latipes Fish
	NOEC	100 mg/L	Daphnia magna Crustacean
2-methylpropan-1-ol CAS: 78-83-1 EC: 201-148-0	NOEC	Not relevant	
	NOEC	20 mg/L	Daphnia magna Crustacean
Formic acid CAS: 64-18-6 EC: 200-579-1	NOEC	Not relevant	
	NOEC	100 mg/L	Daphnia magna Crustacean
butan-1-ol CAS: 71-36-3 EC: 200-751-6	NOEC	Not relevant	
	NOEC	4,1 mg/L	Daphnia magna Crustacean

12.2 Persistence and degradability:
Substance-specific information:

Identification	Degradability		Biodegradability	
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	BOD5	2,06 g O2/g	Concentration	100 mg/L
	COD	2,16 g O2/g	Period	14 days
	BOD5/COD	0,95	% Biodegradable	84 %
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	BOD5	Not relevant	Concentration	Not relevant
	COD	Not relevant	Period	5 days
	BOD5/COD	Not relevant	% Biodegradable	84 %
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	BOD5	Not relevant	Concentration	785 mg/L
	COD	Not relevant	Period	8 days
	BOD5/COD	Not relevant	% Biodegradable	100 %
1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	28 days
	BOD5/COD	Not relevant	% Biodegradable	90 %
2-methylpropan-1-ol CAS: 78-83-1 EC: 201-148-0	BOD5	0,4 g O2/g	Concentration	100 mg/L
	COD	2,41 g O2/g	Period	14 days
	BOD5/COD	0,17	% Biodegradable	90 %
Formic acid CAS: 64-18-6 EC: 200-579-1	BOD5	Not relevant	Concentration	100 mg/L
	COD	Not relevant	Period	14 days
	BOD5/COD	Not relevant	% Biodegradable	110 %
butan-1-ol CAS: 71-36-3 EC: 200-751-6	BOD5	1,71 g O2/g	Concentration	Not relevant
	COD	2,46 g O2/g	Period	19 days
	BOD5/COD	0,7	% Biodegradable	98 %

12.3 Bioaccumulative potential:
Substance-specific information:

Identification	Bioaccumulation potential	
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	BCF	2
	Pow Log	1.31
	Potential	Low
Reaction mass of ethylbenzene and xylene CAS: Not relevant EC: 905-588-0	BCF	9
	Pow Log	2.77
	Potential	Low
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	BCF	4
	Pow Log	1.78
	Potential	Low

** Changes with regards to the previous version

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NEUTRALIZATOR RDZY - RUST CONVERTOR
SECTION 12: ECOLOGICAL INFORMATION ** (continued)

Identification	Bioaccumulation potential	
2-methoxy-1-methylethyl acetate CAS: 108-65-6 EC: 203-603-9	BCF	1
	Pow Log	0.43
	Potential	Low
1-methoxy-2-propanol CAS: 107-98-2 EC: 203-539-1	BCF	3
	Pow Log	-0.44
	Potential	Low
2-methylpropan-1-ol CAS: 78-83-1 EC: 201-148-0	BCF	3
	Pow Log	0.76
	Potential	Low
Formic acid CAS: 64-18-6 EC: 200-579-1	BCF	3
	Pow Log	-0.54
	Potential	Low
butan-1-ol CAS: 71-36-3 EC: 200-751-6	BCF	1
	Pow Log	0.88
	Potential	Low

12.4 Mobility in soil:

Identification	Absorption/desorption		Volatility	
4-methylpentan-2-one CAS: 108-10-1 EC: 203-550-1	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	2,35E-2 N/m (25 °C)	Moist soil	Not relevant
N-butyl acetate CAS: 123-86-4 EC: 204-658-1	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	2,478E-2 N/m (25 °C)	Moist soil	Not relevant
2-methylpropan-1-ol CAS: 78-83-1 EC: 201-148-0	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	2,378E-2 N/m (25 °C)	Moist soil	Not relevant
Formic acid CAS: 64-18-6 EC: 200-579-1	Koc	Not relevant	Henry	Not relevant
	Conclusion	Not relevant	Dry soil	Not relevant
	Surface tension	3,862E-2 N/m (25 °C)	Moist soil	Not relevant
butan-1-ol CAS: 71-36-3 EC: 200-751-6	Koc	2.44	Henry	5,39E-2 Pa·m ³ /mol
	Conclusion	Very High	Dry soil	Yes
	Surface tension	2,567E-2 N/m (25 °C)	Moist soil	Yes

12.5 Results of PBT and vPvB assessment:

Product does not meet PBT/vPvB criteria

12.6 Endocrine disrupting properties:

Endocrine-disrupting properties: The product does not meet the criteria.

12.7 Other adverse effects:

Not described

** Changes with regards to the previous version

SECTION 13: DISPOSAL CONSIDERATIONS
13.1 Waste treatment methods:
Type of waste (Regulation (EU) No 1357/2014):

Not available

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

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NEUTRALIZATOR RDZY - RUST CONVERTOR

SECTION 13: DISPOSAL CONSIDERATIONS (continued)

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

With regard to ADR 2025 and RID 2025:



- 14.1 UN number or ID number:** UN1263
- 14.2 UN proper shipping name:** PAINT RELATED MATERIAL
- 14.3 Transport hazard class(es):** 3
Labels: 3
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** No
- 14.6 Special precautions for user**
Special regulations: 163, 367, 650
Tunnel restriction code: D/E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
- 14.7 Maritime transport in bulk according to IMO instruments:** Not relevant

Transport of dangerous goods by sea:

With regard to IMDG 42-24:



- 14.1 UN number or ID number:** UN1263
- 14.2 UN proper shipping name:** PAINT RELATED MATERIAL
- 14.3 Transport hazard class(es):** 3
Labels: 3
- 14.4 Packing group:** III
- 14.5 Marine pollutant:** No
- 14.6 Special precautions for user**
Special regulations: 163, 223, 955, 367
EmS Codes: F-E, S-E
Physico-Chemical properties: see section 9
Limited quantities: 5 L
Segregation group: Not relevant
- 14.7 Maritime transport in bulk according to IMO instruments:** Not relevant

Transport of dangerous goods by air:

With regard to IATA/ICAO 2026:



- 14.1 UN number or ID number:** UN1263
- 14.2 UN proper shipping name:** PAINT RELATED MATERIAL
- 14.3 Transport hazard class(es):** 3
Labels: 3
- 14.4 Packing group:** III
- 14.5 Environmental hazards:** No
- 14.6 Special precautions for user**
Physico-Chemical properties: see section 9
- 14.7 Maritime transport in bulk according to IMO instruments:** Not relevant

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**NEUTRALIZATOR RDZY - RUST CONVERTOR****SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

- Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains Formic acid.
- Article 95, REGULATION (EU) No 528/2012: *Formic acid (64-18-6) - PT: (2, 3, 4, 5, 6)*
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

Seveso III:

Section	Description	Lower-tier requirements	Upper-tier requirements
P5c	FLAMMABLE LIQUIDS	5000,000	50000,000

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc):

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION ****Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:

COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3, SECTION 11, SECTION 12):

- New declared substances
 - 4-methylpentan-2-one (108-10-1)
 - N-butyl acetate (123-86-4)
 - Reaction mass of ethylbenzene and xylene
- Removed substances
 - Xylene (1330-20-7)
 - 4-methylpentan-2-one (108-10-1)

Substances that contribute to the classification (SECTION 2):

- New declared substances
 - 4-methylpentan-2-one (108-10-1)
 - N-butyl acetate (123-86-4)
 - Reaction mass of ethylbenzene and xylene
- Removed substances
 - Formic acid (64-18-6)
 - 4-methylpentan-2-one (108-10-1)

CLP Regulation (EC) No 1272/2008 (SECTION 2, SECTION 16):

- Pictograms
- Hazard statements

Texts of the legislative phrases mentioned in section 2:

** Changes with regards to the previous version

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**NEUTRALIZATOR RDZY - RUST CONVERTOR****SECTION 16: OTHER INFORMATION ** (continued)**

H225: Highly flammable liquid and vapour.
H332: Harmful if inhaled.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H351: Suspected of causing cancer.
H336: May cause drowsiness or dizziness.
H373: May cause damage to organs through prolonged or repeated exposure.
H304: May be fatal if swallowed and enters airways.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:

Acute Tox. 3: H331 - Toxic if inhaled.
Acute Tox. 4: H302 - Harmful if swallowed.
Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled.
Acute Tox. 4: H332 - Harmful if inhaled.
Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.
Carc. 2: H351 - Suspected of causing cancer.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Met. Corr. 1: H290 - May be corrosive to metals.
Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
Skin Irrit. 2: H315 - Causes skin irritation.
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure.
STOT SE 3: H335 - May cause respiratory irritation.
STOT SE 3: H336 - May cause drowsiness or dizziness.

Classification procedure:

Flam. Liq. 2: Calculation method (2.6.4.3)
Acute Tox. 4: Calculation method
Skin Irrit. 2: Calculation method
Eye Irrit. 2: Calculation method
Carc. 2: Calculation method
STOT SE 3: Calculation method
STOT RE 2: Calculation method
Asp. Tox. 1: Calculation method

Advice related to training:

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>
<http://eur-lex.europa.eu>

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
LogPOW: Octanolwater partition coefficient
Koc: Partition coefficient of organic carbon
UFI: unique formula identifier
IARC: International Agency for Research on Cancer

** Changes with regards to the previous version

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Safety data sheet

This SDS is an English translation of COMMISSION REGULATION (EU) 2020/878, without any country-specific legislation

NEUTRALIZATOR RDZY - RUST CONVERTOR

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -