

Conforms to Reg. (EU) 878/2020

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1.1. Product identifier Code: Product name UFI:	TERZI12 CURA LAVASTOVIGLIE 84U5-9024-4005-T5TW		
1.2. Relevant identified uses of the substance or m			
Identified Uses Dishwasher cleaner	Industrial	Professional	Consumer
Uses Advised Against		✓	✓
Do not use for uses other than those indicated			
1.3. Details of the supplier of the safety data sheet Name Full address District and Country	NEW FADOR S.r.l. via Mario Calderara, 31 25018 Montichiari (BS) Italia Tel. +39 030961 243 www.newfador.it		
e-mail address of the competent person			
responsible for the Safety Data Sheet	info@newfador.it		
1.4. Emergency telephone number For urgent inquiries refer to	NEW FADOR S.r.I. +39 030961 243 (08.30 - 17.30)		
SECTION 2. Hazards identification			
2.1. Classification of the substance or mixture			
The product is classified as hazardous pursuant to the supplements). The product thus requires a safety datash any additional information concerning the risks for health	neet that complies with the provi	sions of (EU) Regulation 2020/8	78.
lazard classification and indication: Eye irritation, category 2	H319	Causes serious eye irritation.	
2.2. Label elements			
Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendm	ents and supplements.	
Hazard pictograms:			
riazara piotograms.			



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Signal words: Warning

Hazard statements:

H319 Causes serious eye irritation.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.
P264 Wash hands thoroughly after handling.

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

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

rinsing.

P337+P313 If eye irritation persists: Get medical advice / attention.

Ingredients according to Regulation (EC) No. 648/2004

Less than 5% non-ionic surfactants

5% or over but less than oxygen-based bleaching agents

15%

2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

SECTION 3. Composition/information on ingredients

3.1. Substances

Information not relevant

3.2. Mixtures

Contains:

Identification x = Conc. % Classification (EC) 1272/2008 (CLP)

CITRIC ACID MONOHYDRATE

CAS 5949-29-1 $15 \le x < 25$ Eye Irrit. 2 H319

EC 201-069-1 INDEX -

REACH Reg. 01-2119457026-42

SODIUM CARBONATE

CAS 497-19-8 $15 \le x < 25$ Eye Irrit. 2 H319



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EC 207-838-8

INDEX 011-005-00-2

REACH Reg. 01-2119485498-19

DISODIUM CARBONATE, COMPOUND WITH HYDROGEN

PEROXIDE (2:3)

EC 239-707-6

CAS 15630-89-4 5 ≤ x < 15 Ox. Sol. 3 H272,

Acute Tox. 4 H302, Eye Dam. 1 H318

Eye Dam. 1 H318: ≥ 25%, Eye Irrit. 2 H319: ≥ 7,5%

INDEX - LD50 Oral: 1034

REACH Reg. 01-2119457268-30

ADIPIC ACID

CAS 124-04-9 $3 \le x < 7$ Eye Irrit. 2 H319

EC 204-673-3

INDEX 607-144-00-9

REACH Reg. 01-2119457561-38

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.

INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray. UNSUITABLE EXTINGUISHING EQUIPMENT None in particular.

5.2. Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.



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5.3. Advice for firefighters

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

If there are no contraindications, spray powder with water to prevent the formation of dust.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Collect the leaked product and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues.

Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

7.3. Specific end use(s)

Information not available

SECTION 8. Exposure controls/personal protection



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8.1. Control parameters

	ct level - DNEL / D	MFI						
Tiodian Bonnou no ono	Effects on consumers	/IVICL			Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
nhalation			10 mg/m3	.,		.,	10 mg/m3	
CITRIC ACID MONOHYD								
Predicted no-effect concentra	ition - PNEC							
Normal value in fresh water				0,44	mg	ı/l		
Normal value in marine water				0,044	mg	ı/l		
Normal value for fresh water	sediment			34,6	mg	ı/kg		
Normal value for marine wate	r sediment			3,46	mg	ı/kg		
Normal value of STP microor	ganisms			1000	mg	ı/l		
Normal value for the terrestria	al compartment			33,1	mg	ı/kg		
DISODIUM CARBONATE	E, COMPOUND W	TH HYDROGEN	PEROXIDE (2:	3)				
Predicted no-effect concentra								
Normal value in fresh water				0,035	mg	<u>J/I</u>		
Normal value in marine water				0,035	mg	ı/I		
Normal value for water, interr	nittent release			0,035	mg	ı/I		
Normal value of STP microor	ganisms			16,24	mg	ı/l		
Health - Derived no-effe	ct level - DNEL / D Effects on consumers	DMEL			Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic
Inhalation				systemic		systemic	5 mg/m3	systemic
			6,4 mg/cm2		12,8 mg/cm2		12,8 mg/cm2	
Skin	6,4 mg/cm2		0,4 mg/cm2					
	6,4 mg/cm2		0,4 mg/cm2					
ADIPIC ACID			0,4 mg/cm2				-	
ADIPIC ACID Predicted no-effect concentra			o,+ mgranz	0,126	mç	y/I		
ADIPIC ACID Predicted no-effect concentra Normal value in fresh water	ation - PNEC		o,+ myranz	0,126 0,013	mg mg	•	-	
ADIPIC ACID Predicted no-effect concentra Normal value in fresh water Normal value in marine water Normal value for fresh water s	ation - PNEC		0, 4 mg/cm2		mg	•	-	
ADIPIC ACID Predicted no-effect concentra Normal value in fresh water Normal value in marine water	ation - PNEC		o,+ myranz	0,013	mg mg	ŋ/I		
ADIPIC ACID Predicted no-effect concentra Normal value in fresh water Normal value in marine water Normal value for fresh water Normal value for marine water	r sediment er sediment		o,+ myomz	0,013	mg mg	n/l n/kg n/kg		
ADIPIC ACID Predicted no-effect concentra Normal value in fresh water Normal value in marine water Normal value for fresh water: Normal value for marine water Normal value for water, interr	sediment er sediment mittent release		o,+ myomz	0,013 0,484 0,048	mg mg	y/l y/kg y/kg y/kg		
ADIPIC ACID Predicted no-effect concentration Normal value in fresh water Normal value in marine water Normal value for fresh water in Normal value for marine water Normal value for water, internation Normal value of STP microore	sediment er sediment mittent release ganisms		o,+ myomz	0,013 0,484 0,048 0,46	mg mg mg mg	y/l y/kg y/kg y/kg		
ADIPIC ACID Predicted no-effect concentration Normal value in fresh water Normal value in marine water Normal value for fresh water Normal value for marine water Normal value for water, interr Normal value of STP microon Normal value for the terrestria	sediment er sediment mittent release ganisms al compartment	DMEL	o,+ myonz	0,013 0,484 0,048 0,46 59,1	mg mg mg mg	y/l y/kg y/kg y/l		
ADIPIC ACID Predicted no-effect concentra Normal value in fresh water Normal value in marine water	sediment er sediment mittent release ganisms al compartment ct level - DNEL / D Effects on	DMEL Acute systemic	Chronic local	0,013 0,484 0,048 0,46 59,1 0,023	mg mg mg mg mg	y/l y/kg y/kg y/l y/l y/kg Acute	Chronic local	Chronic
ADIPIC ACID Predicted no-effect concentra Normal value in fresh water Normal value in marine water Normal value for fresh water: Normal value for marine water Normal value for water, interr Normal value of STP microon Normal value for the terrestria Health - Derived no-effe	sediment er sediment mittent release ganisms al compartment ct level - DNEL / D Effects on consumers			0,013 0,484 0,048 0,46 59,1 0,023	mg mg mg mg mg mg mg mg mg	y/l y/kg y/kg y/l y/l	Chronic local	Chronic systemic



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Skin 19 mg/kg bw/d 19 mg/kg 38 mg/kg 38 mg/kg bw/d bw/d bw/d bw/d

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

HAND PROTECTION

In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves (see standard EN 374). Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

None required, unless indicated otherwise in the chemical risk assessment.

ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties Appearance	Value solid
Colour	white
Odour	characteristic
Melting point / freezing point	not available
Initial boiling point	not available
Flammability	not available
Lower explosive limit	not available
Upper explosive limit	not available
Flash point	not available
Auto-ignition temperature	not available
Decomposition temperature	not available
Self-accelerating decomposition temperature (SADT)	> 55 °C °C
рН	8 ± 1

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Kinematic viscosity not available
Solubility soluble in water
Partition coefficient: n-octanol/water not available
Vapour pressure not available
Density and/or relative density not available
Relative vapour density not available
Particle characteristics not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Explosive properties not classified as explosive,

contains no explosive

substances according to CLP

Art. (14 (2))

Oxidising properties the product is not an oxidizing

substance

SECTION 10. Stability and reactivity

10.1. Reactivity

Information not available

10.2. Chemical stability

Information not available

10.3. Possibility of hazardous reactions

The product may react violently with water.

10.4. Conditions to avoid

Avoid overheating. Prevent moisture or water from penetrating inside the containers.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information



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In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

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

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

Not classified (no significant component)

ATE (Inhalation) of the mixture: ATE (Oral) of the mixture: >2000 mg/kg

ATE (Dermal) of the mixture: Not classified (no significant component)

SODIUM CARBONATE

LD50 (Dermal): > 2000 mg/kg bw rabbit LD50 (Oral): 2800 mg/kg bw Rat LC50 (Inhalation mists/powders): 800 mg/l/2h guinea pig

CITRIC ACID MONOHYDRATE

LD50 (Dermal): > 2000 mg/kg Rat LD50 (Oral): 5400 mg/kg Mouse

DISODIUM CARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3)

> 2000 mg/kg rabbit LD50 (Dermal): LD50 (Oral): 1034 mg/kg rat

ADIPIC ACID

LD50 (Oral): 5560 mg/kg rat

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY ÓR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

Respiratory sensitization

Information not available

Skin sensitization

Information not available

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available



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STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity

ADIPIC ACID

LC50 - for Fish 230 mg/l/96h
EC50 - for Crustacea 46 mg/l/48h
EC50 - for Algae / Aquatic Plants 59 mg/l/72h
Chronic NOEC for Crustacea 6,3 mg/l 21d
Chronic NOEC for Algae / Aquatic Plants 41 mg/l 72h

DISODIUM CARBONATE, COMPOUND

WITH HYDROGEN PEROXIDE (2:3)

 LC50 - for Fish
 70,7 mg/l/48h 48h

 EC50 - for Crustacea
 4,9 mg/l/48h

 Chronic NOEC for Crustacea
 2 mg/l

SODIUM CARBONATE

LC50 - for Fish 300 mg/l/96h Lepomis macrochirus

EC50 - for Crustacea 200 mg/l/48h
EC50 - for Algae / Aquatic Plants 10 mg/l
Chronic NOEC for Fish 560 mg/l 96h
Chronic NOEC for Algae / Aquatic Plants 1 mg/l

CITRIC ACID MONOHYDRATE

 LC50 - for Fish
 > 100 mg/l/96h

 EC50 - for Crustacea
 > 50 mg/l/48h

 Chronic NOEC for Algae / Aquatic Plants
 425 mg/l



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12.2. Persistence and degradability

ADIPIC ACID

Rapidly degradable

DISODIUM CARBONATE, COMPOUND WITH HYDROGEN PEROXIDE (2:3) Degradability: information not available

SODIUM CARBONATE

Solubility in water 1000 - 10000 mg/l

Degradability: information not available

CITRIC ACID MONOHYDRATE

Rapidly degradable

12.3. Bioaccumulative potential

ADIPIC ACID

BCF 3,162

CITRIC ACID MONOHYDRATE

BCF 3,2

12.4. Mobility in soil

ADIPIC ACID

Partition coefficient: soil/water 1,33

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.



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SECTION 14. Transport information

The product is not dangerous under co	urrent provisions of the Code of Inte	ernational Carriage of Dangerous	Goods by Road (ADR)	and by Rail (RID), of
the International Maritime Dangerous (Goods Code (IMDG), and of the Inte	rnational Air Transport Association	า (IATA) regulations.	

14.1. UN number or ID number

not applicable

14.2. UN proper shipping name

not applicable

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

not applicable

14.6. Special precautions for user

not applicable

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Seveso Category - Directive 2012/18/EU: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Contained substance

Point

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors not applicable

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Substances in Candidate List (Art. 59 REACH)



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On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

Regulation (EC) No. 648/2004

Ingredients according to Regulation (EC) No. 648/2004

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

German regulation on the classification of substances hazardous to water (AwSV, vom 18. April 2017)

WGK 1: Low hazard to waters

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Ox. Sol. 3 Oxidising solid, category 3

Acute Tox. 4 Acute toxicity, category 4

Eye Dam. 1 Serious eye damage, category 1

Eye Irrit. 2 Eye irritation, category 2
H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.

H318 Causes serious eye damage.H319 Causes serious eye irritation.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule



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- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP) 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP) 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- The Merck Index. 10th Edition
- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.



Conforms to Reg. (EU) 878/2020

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Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.