

SAFETY DATA SHEET

according to Regulation (EC) N° 1907/2006

ANABAC CITRUS

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

1.1. Product identifier

Sales reference: Anabac® Citrus

Product code: 320300

1.2. Relevant identified uses of the substance or mixture and uses advised against

Fragrance in soft gelatin capsule to be used as an autoclave deodorant during sterilization processes.

1.3. Details of the supplier of the safety data sheet

INTERSCIENCE SAS

30, chemin du Bois des Arpents - 78860 Saint-Nom-la-Bretèche - FRANCE

Tel: +33 01 34 62 62 61

info@interscience.com

www.interscience.com

1.4. Emergency telephone numbers

For European countries, please refer to ECHA website update:

<https://echa.europa.eu/fr/support/helpdesks/>

<https://poisoncentres.echa.europa.eu/fr/appointed-bodies>

https://echa.europa.eu/documents/10162/2322249/emergency_phone_numbers_en.pdf/d911af43-4bcf-9371-a59d-a20736d91e7d?t=1628515444598

For the rest of the world, refer to the WHO directory of poison information centres:

https://apps.who.int/poisoncentres/PoisonCentres_201902.pdf

List of Emergency numbers worldwide.

Country	Phone number	Website
Australia	+61 2 9845 3969 / 131126	
Austria	+43 1 406 43 43	https://goeg.at/Vergiftungsinformation
Belgium	+32 70 245 245	https://www.poisoncentre.be/
Bulgaria	+359 2 9154 233	https://www.moew.government.bg/bg/prevantivna-dejnost/himichni-vestestva/klasifikaciya-clp/nacionalen-centur-potoksikologiya/
Canada	1 800 268 9017 / 911	https://infopoison.ca/fr/
China	+86 10 831 32 045 / 120	
Croatia	+3851 2348 342	https://www.imi.hr/hr/jedinica/centar-za-kontrolu-otrovanja/
Cyprus	1401	http://www.mlsi.gov.cy/mlsi/dli/dliup.nsf/All/44E02FF962E75D0DC2257DDA00288E83?OpenDocument
Czech Republic	+420 224 919 293 / +420 224 915 402	<a href="https://www.cenia.cz/odborna-podpora/reach/bezpecnostni-listy/<">https://www.cenia.cz/odborna-podpora/reach/bezpecnostni-listy/<
Denmark	+45 8212 1212	https://www.bispebjerghospital.dk/giftlinjen/Sider/default.aspx
Estonia	16662	https://www.terviseamet.ee/en/chemical-and-product-safety/data-for-safety-data-sheet
Finland	800 147 111 / 09 471 977	https://www.hus.fi/en/medical-care/medical-services/Poison%20Information%20Centre/Pages/default.aspx
France	01 45 42 59 59	https://reach-info.ineris.fr/Numero_orfila
Germany	+49 30 3068 6711 / 112	https://www.reach-clp-biozid-helpdesk.de/DE/REACH/Sicherheitsdatenblatt/Sicherheitsdatenblatt-EN/Emergency-Telephone-number.html
Greece	+30 21 07 79 37 77	https://echa.europa.eu/documents/10162/23019181/poison_info_centre_en.pdf/58b0f281-a6f8-4362-a0b9-faad57c7fcff
Hungary	+36 80 201 199	https://www.nnk.gov.hu/index.php/kemiai-biztonsagi-es-kompetens-hatosagi-fo/egeszsegugyi-toxikologiai-tajekoztato-szolgalat

Country	Phone number	Website
Iceland	+354 543 22 22 / +354 543 1000 / 112	http://www.landspitali.is/?PageID=14556
India	+91 112 659 36 77 / 112	https://www.secourisme.net/spip.php?breve443
Ireland	+353 1 809 2166 / 01 809 2166 (8am - 10pm) / 01 809 2566 (24/7)	https://www.poisons.ie/
Israel	+972 485 42 725 / 04-7771900 (24/7) / 101	https://www.rambam.org.il/en/departmentsandclinics/laboratories-division/clinical-pharmacology-and-toxicology/national-center-for-the-treatment-of-poisoning/
Italy	+39 06 301 54 492 / +39 06 305 4343 / +39 06 499 78 000 / 118	https://preparatipericolosi.iss.it/cav.aspx
Japan	+81 72 727 2499 / +81 29 852 9999 / 119	https://mediv8.com/poisons-information/japan-poison-information-center-head-office/
Latvia	+371 670 42473	https://www.meteo.lv/en/lapas/environment/chemical-substances-/reach/reach_en?&id=1483&nid=410
Lithuania	+370 85 236 2052	http://www.apsinuodijau.lt/
Luxembourg	+352 8002 5500	https://www.centreantipoisons.be/entreprises/english/how-declare/declarations-grand-duchy-Luxembourg
Malta	+356 234 41 111	https://deputyprimeminister.gov.mt/en/Pages/Contact-Us.aspx
Norway	+47 22 59 13 00	https://helsenorge.no/Giftinformasjon
Poland	+48 (12) 411 99 99	
Portugal	+351 800 250 250	https://www.inem.pt/category/servicos/centro-de-informacao-antivenenos/
Romania	+40 213 183 606	
Russia	+7 495 628 1687 / 112 / 103	https://www.petitfute.com/v51044-moscou/c1172-pense-fute-services/c1136-sante/c876-urgence/
Saudi Arabia	800 442 628 1687 / 937	
Slovakia	+421 2 5477 4166	http://www.ntic.sk/ntic_en.php?adr=safetydata
Slovenia	+386 1 522 1293 / +386 1 434 7645 / 112	

Country	Phone number	Website
South Africa	+27 086 155 5777 / +27 824 910 160 / 999	
South Korea	+82 (0)42 605 7030 / +82 (0)43 830 4000 / (+82-)119	https://nics.me.go.kr/ https://nics.me.go.kr/eng/main.do
Spain	+34 91 562 04 20	https://www.miteco.gob.es/es/calidad-y-evaluacion-ambiental/temas/productos-quimicos/portal-reach-clp/novedades/detalle_novedades.aspx?id=tcn:30-193752-16
Sweden	+46 (0)10 456 6700 / +46 (0)10 456 6750 / 112	
Switzerland	+41 44 251 51 51 / 145 (24/24)	https://www.vaudofamilie.ch/N241017/tox-info-suisse-urgence-145-24h24h.html
Thailand	+66 (0)220 11084-6 / +66 2 419 9912 / 191 / 1669	https://ogocare.com/1669-and-191-emergency-numbers-to-call-in-thailand/
The Netherlands	+31 30 274 88 88	https://www.umcutrecht.nl/nl/Subsites-nl/Nationaal-Vergiftigingen-Informatie-Centrum-(NVIC)/Productinformatie/Informationsheet-product-notification
Turkey	+90 0312 433 70 07 / 112 / 114	https://www.istanbulaccueil.net/les-numeros-durgence/
United Arab Emirates	800 424 / 998	
United Kingdom	+44 844 892 0111 / 999 / 111	https://www.toxbase.org/
United States of America	+1 800 222 122 / 911	https://www.poison.org/

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to regulation (EC) N° 1272/2008.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to regulation (EC) N° 1272/2008.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P102 Keep out of reach of children.

P273 Avoid release to the environment.

P501 Dispose of contents/ container to an approved waste disposal plant.

EUH 208 : Contains (1-methyl-2-(5-methylhex-4-en-2-yl)cyclopropyl)methanol, 3,7-dimethyl-6-octen-1-al (=citronellal), 2-oxabicyclo(2.2.2)octane, 1,3,3-trimethyl- (= Eucalyptol), 2,4-dimethylcyclohex-3-ene-1-carbaldehyde. May produce an allergic reaction.

2.3. Other hazards

Hazards not Otherwise classified : None.

This substance/mixture does not contain any ingredients considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3. COMPOSITION/INFORMATIONS ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous components (classification according to regulation (EC) N° 1272/2008 [CLP])

Chemical name	No#-CAS No#-CE No Registration number	Classification (Regulation (EC) No 1272/2008)	Concentration (Percent by weight)
decanal	112-31-2 203-957-4 01-2119967771-26	Eye Irrit. 2, H319 Aquatic Chronic 3, H412	>= 2,5 - < 5
3a,4,5,6,7,7a-hexahydro- 4,7-methano-1-inden- 5(6)-yl acetate	54830-99-8 2500-83-6 5413-60-5 911-369-0 01-2119488219-26	Aquatic Chronic 1, H410 M Factor (Chronic aquatic toxicity): 1	>=1 - <2,5
3,7-dimethyl-2(3),6- nonadienonitrile	61792-11-8 263-214-5 01-2119967769-11	Aquatic Chronic 2, H411	>= 1 - < 2,5
2-acetonaphthone	93-08-3 202-216-2 01-2119935927-23	Eye Irrit. 2, H319	>= 1 - < 5
2-propenyl 2(3)- methylbutoxyacetate	67634-00-8 67634-01-9 916-328-0 01-2120794630-50	Acute Tox. 4, H302 Acute Tox. 2, H330 Acute Tox. 4, H312 STOT RE 2, H373 (Liver) Aquatic Acute 1, H400 M Factor (Acute aquatic toxicity): 1	>= 0,25 - < 1
1-Isopropyl-4- methylcyclohexa-1.4- diene (= gamma terpinene)	99-85-4 202-794-6	Flam. Liq. 3, H226 Rep. 2, H361 Asp. Tox. 1, H304 Aquatic Chronic 2, H411	>= 0,25 - < 1
2-oxabicyclo(2.2.2) octane, 1,3,3-trimethyl- (= Eucalyptol)	470-82-6 207-431-5 01-2119967772-24	Flam. Liq. 3, H226 Eye Irrit. 2, H319 Skin Sens. 1B, H317'	>= 0,1 - < 1
2,4-dimethylcyclohex-3- ene-1-carbaldehyde	68039-49-6 943-728-2 01-2119982384-28	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411	>= 0,25 - < 1
3,7-dimethyl-6-octen-1-al (= citronellal)	106-23-0 203-376-6 01-2119474900-37	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317'	>= 0,1 - < 1
(1-methyl-2-(5- methylhex-4-en-2- yl)cyclopropyl)methanol	1655500-83-6 942-597-9 01-2120094067-52	Acute Tox 4, H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317' Aquatic Chronic 2, H411	>= 0,1 - < 0,25

Chemical name	No#-CAS No#-CE No Registration number	Classification (Regulation (EC) No 1272/2008)	Concentration (Percent by weight)
2-propenyl hexanoate (= Allyl hexanoate)	123-68-2 204-642-4 01-2119983573-26	Acute Tox. 3, H301 Acute Tox. 3, H311 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 M Factor (Acute aquatic toxicity) : 1	>=0,1 - < 0,25
2(3)-tridecenitrile	22629-49-8 919-489-5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 M Factor (Acute aquatic toxicity) : 10 M Factor (Chronic aquatic toxicity) : 10	>= 0.0025 - < 0.02

For the full text of the H-statements mentioned in this Section see Section 16.

SECTION 4. FIRST AIDS MEASURES

4.1. Description of first aid measures

General advice : Do not leave victim unattended.

If inhaled : if the victim is unconscious, place in recovery position and seek medical advice.

If symptoms persist, call a physician.

In case of skin contact : Immediately seek medical attention if chemical entered ear canal.

In case of eye contact : Protect unhamed eye. Remove contact lenses. If eye irritation persists, consult a specialist.

If swallowed : Immediately consult Poison Control or physician. Keep respiratory tract clear. DO NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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

Symptoms : no data available.

Risks : no data available.

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

Treatment: Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media :

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media :

No data available.

5.2. Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.

5.3. Advice for firefighters

Special protective equipment for firefighters :

Wear self-contained breathing apparatus for firefighting, if necessary.

Additional information: Standard procedure for chemical fires.

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : For emergency conditions, use an approved positive-pressure self-contained breathing apparatus. Material can create slippery conditions.

6.2. Environmental precautions

Environmental precautions: prevent from entering drains. In case of pollution of waterways, lakes or sewers, inform the competent authorities in accordance with local regulations.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up: wipe up with absorbent material (e.g. cloth, fleece).

Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

Not applicable

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Advices on safe handling : for personal protection see section 8.

Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion: normal measures for preventive fire protection.

Temperature class : no data available.

Fire class : no data available.

Dust explosion class : no data available.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: electrical installations and equipment must comply with the technological safety standards.

Additional information on storage conditions: Ambient / 10-30°C (50-85°F).

Dry, well ventilated, preferably full, hermetically sealed.

Advice on common storage: Protect against light and humidity.

Storage class (TRGS 510): 10 Combustible liquids.

Other information : no decomposition if the product is stored and applied as directed.

7.3. Specific end use(s)

Specific use(s): no data available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Does not contain substances with occupational exposure limit values.

8.2. Exposure controls

Exposure assessment: Exposures are dependent on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the potential for exposure be assessed prior to the product's use or

introduction. Exposure assessment should be performed by an occupational hygienist, industrial hygienist, or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the efficacy of any ventilation and the need for additional PPE. The PPE indicated below are recommendations for worst-case scenario exposures. An exposure assessment will identify more applicable measures to be implemented. EN and ANSI standards are mentioned in the following recommendations, consult equivalent local standards when required.

PPE is always the last resort to avoid exposure. In any case technical and organisational measures have to be explored and used prior to the selection of PPE. The PPE selection is for operators trained to work with chemicals according to good industrial hygiene and safety practice. Operators have to be trained on the use of PPE.

Personal protective equipment

Use engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use the product only with adequate ventilation.

Respiratory protection

Use in well ventilated areas.

Hand protection

Use gloves when handling substances in open systems. Inspect gloves prior to use. Train operators for proper use.

If accidental exposure is expected : (work without direct contact to substance) use gloves tested according to EN 16523-1, 1 breakthrough times at least 10 minutes, tested for the chemicals listed in chapter 3 of this SDS. Change gloves frequently.

If direct skin contact is expected: use gloves tested according to EN 16523-1, tested for the chemicals listed in chapter 3 of this SDS. Permeation time must exceed contact time.

Eye protection

Use safety goggles tested according to EN 166/ ANSI Z87.1 or equivalent local standard.

Skin and body protection

Wear working clothes covering arms and legs. The type of protective equipment must be selected according to the concentration and amount of the hazardous substance at the specific workplace.

Hygiene measures and general protective measures

General industrial hygiene practices. Do not drink, eat or smoke while working. Wash and dry hands after finishing work.

Environmental exposure controls: Prevent from entering drains. In case of pollution of waterways, lakes or sewers, inform the competent authorities according to local regulations.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state: Liquid in a gelatin capsule.
Colour of liquid: colorless to very slightly yellow.
Taste: not determined.
Odour: citrus-like, green, fruity.
Odour threshold: not applicable.
Flash point: 92 °C. Method: Grabner miniflash closed cup.
Explosive limit, lower: not determined.
Explosive limit, upper: not determined.
Flammability (solid, gas): not applicable.
Oxidizing properties: no data available.
Auto-ignition temperature: not determined.
Decomposition temperature: not available.
pH: not determined.
Melting point: not determined.
Boiling point: not determined.
Vapour pressure: 0.0862 hPa at 20 °C Calculated (99.9%).
Density: 1000.19 kg/m³ at 20°C.
Apparent density: not applicable.
Water solubility: soluble gelatin capsule (wet heat).
Partition coefficient: octanol/water: not applicable.
Viscosity, kinematic: Not available.
Relative vapour density: no data available.
Evaporation rate: no data available.
Explosive properties: no data available.

9.2. Other information

Not applicable

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

None.

10.2. Chemical stability

This product is chemically stable.

10.3. Possibility of hazardous reactions

Hazardous reactions: stable under recommended storage conditions. No hazards to be specially mentioned.

10.4. Conditions to avoid

Protect from humidity.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

No data available.

Thermal decomposition: no data available.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Sub-section	Comments	LD	Species
Acute oral toxicity	3,7-dimethyl-2(3),6- nonadienonitrile	LD50: 2 600 mg/kg	Rat
	2-propenyl 2(3)-methylbutoxyacetate	LD50: 730 mg/kg	Rat
	3,7-dimethyl-6-octen-1-al (= citronellal)	LD50: 2 420 mg/kg	Rat
	(1-methyl-2-(5-methylhex-4- en-2-yl)cyclopropyl)methanol	LD50: > 2 000 mg/kg	Rat
	1-Isopropyl-4-methylcyclohexa-1,4-diene (= gamma terpinene)	LD50: 3 650 mg/kg	Rat
	2-oxabicyclo(2.2.2) octane, 1,3,3-trimethyl- (= Eucalyptol)	LD50: 2 480 mg/kg	Rat
	2-propenyl hexanoate (= Allyl hexanoate)	LD50: 218 mg/kg	Rat
	2(3)-tridecenitrile	LD50: > 5 000 mg/kg	Rat
Acute inhalation toxicity	No data is available on the product itself.		
Acute dermal toxicity	No data is available on the product itself.		
Acute dermal toxicity	3,7-dimethyl-2(3),6- nonadienonitrile	LD50: > 5 000 mg/kg	Rabbit
	3a,4,5,6,7,7a-hexahydro-4,7-methano-1-inden-5(6)-yl-acetate	LD50: > 5 000 mg/kg	Rabbit
	2-propenyl hexanoate (= Allyl hexanoate)	LD50: 300 mg/kg	Rabbit
	(1-methyl-2-(5-methylhex-4- en-2-yl)cyclopropyl)methanol	LD50: > 1 000 mg/kg	Rat
Acute toxicity (other routes of administration)	No data is available on the product itself.		

Sub-section	Comments	LD	Species
Skin corrosion/irritation skin	No data is available on the product itself.		
Serious eye damage/ eye irritation	No data is available on the product itself.		
Respiratory or skin sensitisation	No data is available on the product itself.		
Germ cell mutagenicity	No data is available on the product itself.		
Carcinogenicity	No data is available on the product itself.		
Reproductive toxicity	Not classified due to lack of data.		
Target Organ Systemic Toxicant – single exposure	No data is available on the product itself.		
Target Organ Systemic Toxicant – repeated exposure	No data is available on the product itself.		
Aspiration hazard	No data is available on the product itself.		
Phototoxicity	No data is available on the product itself.		
Further information	No data available.		

11.2. Information on other hazard

Endocrine disrupting properties: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity

2-propenyl 2(3)-methylbutoxyacetate: M-Factor (Acute aquatic toxicity): 1
 2-propenyl hexanoate (= Allyl hexanoate): M-Factor (Acute aquatic toxicity): 1
 2(3)-tridecenitrile: M-Factor (Acute aquatic toxicity): 10
 2(3)-tridecenitrile: M-Factor (Chronic aquatic toxicity): 10

12.2. Persistence et degradability

Biodegradability: no data available.

12.3. Bioaccumulative potential

Bioaccumulation: no data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

The substance does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Additional ecological information: Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

N/A

14.2. UN proper shipping name

Not regulated as a dangerous good.

14.3. Transport hazard class(es)

N/A

14.4. Packing group

N/A

14.5. Environmental hazards

N/A

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15. REGULATORY INFORMATION

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII): Conditions of restriction for the following entries should be considered: Number on list 3.

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Neither banned nor restricted.

REACH - List of substances subject to authorisation (Annex XIV): Neither banned nor restricted.

Major Accident Hazard Legislation: Not applicable.

Water hazard class (Germany): WGK2 obviously hazardous to water. Classification according to AwSV, Annex 1 (5.2).

15.2. Chemical safety assessment

A chemical safety assessment is not required for this substance.

SECTION 16. OTHER INFORMATION

H226 : Flammable liquid and vapour.

H301 : Toxic if ingested.

H302 : Harmful if swallowed.

H304 : May be fatal if swallowed and enters airways.

H311 : Toxic by skin contact.

H312 : Harmful in contact with skin.

H315 : Causes skin irritation.

H317 : May cause an allergic skin reaction.

H319 : Causes serious eye irritation.

H330 : Fatal if inhaled.

H361 : Suspected of damaging fertility or the unborn child.

H373 : May cause damage to organs through prolonged or repeated exposure
H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting effects.
H411 : Toxic to aquatic life with long lasting effects.
H412 : Harmful to aquatic life with long lasting effects.

Key or legend to abbreviations and acronyms used in the safety data sheet

ADN – European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;
ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road;
AICS – Australian Inventory of Chemical Substances;
ASTM – American Society for the Testing of Materials;
b.w. – Body Weight;
CLP – Classification Labelling Packaging Regulation;
CMR – Carcinogen, Mutagen or Reproductive Toxicant;
DIN – Standard of the German Institute for Standardisation;
DNEL – Derived No Effect Level;
DSL – Domestic Substances List (Canada);
ECHA – European CHemicals Agency;
EC Number – European Community Number;
ECx – Concentration associated with x% response;
ELx – Loading rate associated with x% response;
EmS – Emergency Schedule;
ENCS – Existing and New Chemical Substances (Japan);
ErCx – Concentration associated with x% growth rate response;
GHS – Globally Harmonized System;
GLP – Good Laboratory Practice;
IARC – International Agency for Research on Cancer;
IATA – International Air Transport Association;
IBC – International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk;
IC50 – Half maximal Inhibitory Concentration;
ICAO – International Civil Aviation Organization (« OACI » in French);
IECSC – Inventory of Existing Chemical Substances in China;
IMDG – International Maritime Dangerous Goods;
IMO – International Maritime Organization;
ISHL – Industrial Safety and Health Law (Japan);
ISO – International Organisation for Standardization;
KECI – Korea Existing Chemicals Inventory;
LC50 – Lethal Concentration to 50% of a test population,
LD50 – Lethal Dose to 50% of a test population (median lethal dose);
MARPOL – International Convention for the Prevention of Pollution from Ships;
n.o.s – Not Otherwise Specified;
NO(A)EC – No Observed (Adverse) Effect Concentration;
NO(A)EL – No Observed (Adverse) Effect Level;
NOELR – No Observable Effect Loading Rate;
NZIoC – New-Zealand Inventory of Chemicals;
OECD – Organization for Economic Co-operation and Development;

OPPTS – Office of Chemical Safety and Pollution Prevention;
PBT – Persistent, Bioaccumulative and Toxic substance;
PNEC – Predictive No Effect Concentration;
PICCS – Philippines Inventory of Chemicals and Chemical Substances;
(Q)SAR – (Quantitative) Structure Activity Relationship;
REACH – Regulation (EC) N° 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals;
RID – Regulation concerning the International Carriage of Dangerous Goods by Rail;
SADT – Self-Accelerating Decomposition Temperature;
SDS – Safety Data Sheet;
SVHC – Substance of Very High Concern;
STEL – Short Term Exposure Limit;
TCSI – Taiwan Chemical Substance Inventory;
TMP – Table of Professional Diseases (« Tableau des Maladies Professionnelles » in French) ;
TRGS – Technical Rule for Hazardous Substances;
TSCA – Toxic Substances Control Act (USA);
TWA – Time Weighted Averages;
UFI – Unique Formula Identifier;
UN – United Nations;
VLE – Exposure Limit Value (ELV) (« Valeur Limite d'Exposition » in French);
VME – Exposure Average Value (« Valeur Moyenne d'Exposition » in French);
vPvB – Very Persistent and Very Bioaccumulative;
WGK – Water Hazard Class (« Wassergefährdungsklasse » in German).

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