interscience

SAFETY DATA SHEET

according to Regulation (EC) N° 1907/2006

ANABAC CLASSIC

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

1.1. Product identifier

Sales reference: Anabac® Classic (Eucalyptus)

Product code: 320100

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

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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-po-toksikologiya/
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	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

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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=tcm: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.vaudfamille.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/

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SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

Skin Irrit. 2	H315 Causes skin irritation.
Eye Irrit. 2	H319 Causes serious eye irritation.
Skin Sens. 1	H317 May cause an allergic skin reaction.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictogram

Signal word: Warning

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:
P261 Avoid breathing mist or vapours.
P264 Wash skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ eye protection/ face protection
P102 Keep out of reach of children.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists : Get medical advice / attention.

Hazardous components which must be listed on the label:
115-95-7 3,7-dimethyl-1,6-octadien-3-yl acetate (= linalyl acetate)
119-36-8 methyl 2-hydroxybenzoate (=methyl salicylate)
470-82-6 2-oxabicyclo(2.2.2) octane, 1,3,3-trimethyl- (= Eucalyptol)
89-80-5 2-Isopropyl-5-methylcyclohexanone
491-07-6 2-Isopropyl-5-methylcyclohexanone (= isomenthone).

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 to have endocrine disruptng 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% 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	CAS_No EC_No Registrat. number	Classification (Regulation (EC) No 1272/2008)	Concentration (Percent by weight)
2-(1-methylpropyl)- Cyclohexanone	14765-30-1 238-830-2 01-2120756700-57	Skin Irrit. 2, H315	26,50
5-methyl-2-(1-methylethyl)- cyclohexanol (= Menthol)	89-78-1 2216-51-5 1490-04-6 15356-70-4 491-01-0 201-939-0 218-690-9 216-074-4 239-388-3 207-723-2 01-2119458866-21 01-2119456815-30	Skin Irrit. 2, H315 Eye Irrit. 2, H319	7,68
3,3,5-Trimethylcyclohexan-1-ol	116-02-9 204-122-7	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	3,00

Chemical name	CAS_No EC_No Registrat. number	Classification (Regulation (EC) No 1272/2008)	Concentration (Percent by weight)
3,7-dimethyl-1,6-octadien-3-yl acetate (= linalyl acetate)	115-95-7 204-116-4 01-2119454789-19	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317'	2,99
1,7,7-Trimethylbicyclo[1,2,2]Heptan-2-Ol (=Borneol)	507-70-0 208-080-0 01-2120768418-42	Flam. Sol. 1, H228 Skin Irrit. 2, H315 Aquatic Chronic 2, H411	2,92
methyl 2-hydroxybenzoate (=methyl salicylate)	119-36-8 204-317-7 01-2119515671-44	Acute Tox 4, H302 Eye Dam. 1, H318 Skin Sens. 1B, H317' Repr. 2, H361 Aquatic Chronic 3, H412	1,20
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-Isopropyl-5-methylcyclohexanone	89-80-5 10458-14-7 233-944-9 201-941-1 01-2119983786-15	Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317' Aquatic Chronic 3, H412	>= 0,1 - < 1
2-Isopropyl-5-methylcyclohexanone (= isomenthone)	491-07-6 905-013-3 01-2119983786-15	Acute Tox. 4, H332 Skin Irrit. 2, H315 Skin Sens. 1B, H317'	>= 0,1 - < 0,5

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: Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

In case of inhalation: if unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact: if skin irritation persists, call a physician.
If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact: remove contact lenses.
Immediately flush eyes for at least 15 minutes.
Get medical attention.

If swallowed: keep respiratory tract clear.
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 : no data available.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:
-Dry chemical
-Alcohol-resistant foam
-Carbon dioxide (CO2)
-Water spray.

Unsuitable extinguishing media:
High volume water jet.

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.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : no data available.

6.2. Environmental precautions

Environmental precautions : prevent product from entering drains.
If the product contaminates rivers and lakes or drains, inform respective authorities.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up: soak up with inert absorbent material (sand, silica gel, acid binder, universal binder, sawdust).
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 for safe handling:
Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
Personal protective equipment, see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.

Information about 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:
Keep container tightly closed in a dry, well-ventilated place.
Additional information on storage conditions: room temperature / 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

Contains no 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. As 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 assessments should be performed by an occupational hygienist or industrial hygienist or other qualified occupational or environmental health professional. An exposure assessment should be conducted to determine the effectiveness of any ventilation and the need for additional respiratory protection. The PPE is always the last resort to avoid exposure. In any case, technical and organisational measures have to be explored and used before the PPE is selected. 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.

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

Personal Protective Equipments:

Respiratory protection

Use only 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 and faceshield tested according to EN 166.

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 dangerous substance at the specific workplace. Use apron and sleeve covers or complete chemical suit if exposure is expected.

Hygiene measures and general protective measures
Remove contaminated clothing and protective equipment before entering eating areas.
Do not eat, drink or smoke during work.
Wash hands any time after handling the product.

Environmental exposure controls
Prevent product from entering drains.
If the product contaminates rivers and lakes or drains, inform the respective authorities.

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:	aromatic.
Odour threshold:	not applicable.
Flash point:	89 °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.
Boiling point:	not applicable.
Vapour pressure:	1.5004 hPa at 20 °C calculated (100.0%).
Density:	965.75 kg/m3 at 20°C.
Apparent density:	not applicable.
Water solubility:	soluble gelatin capsule (wet heat).
Partition coefficient noctanol/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: no decomposition if the product is stored and applied as directed.

10.4. Conditions to avoid
Protect from humidity.

10.5. Incompatible materials
No data available.

10.6. Hazardous decomposition products
No data available.
Thermal decomposition: no data available.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute oral toxicity:
Estimated acute toxicity Dose: > 2000 mg/kg Method: Calculation method
Acute oral toxicity

2-(1-methylpropyl)- Cyclohexanone	LD50: 2 400 mg/kg	Species: Rat
5-methyl-2-(1-methylethyl)- cyclohexanol (= Menthol)	LD50: 2 900 mg/kg	Species: Rat
3,3,5-Trimethylcyclohexan-1- ol	LD50: 3 250 mg/kg	Species: Rat
3,7-dimethyl-1,6-octadien-3- yl acetate (= linalyl acetate)	LD50: 13 934 mg/kg	Species: Rat
1,7,7-Trimethylbicyclo[1,2,2]Heptan-2-Ol (=Borneol)	LD50: 6 500 mg/kg	Species: Rat
methyl 2-hydroxybenzoate (=methyl salicylate)	LD50: 887 mg/kg	Species: Rat
2-oxabicyclo(2.2.2)octane 1,3,3-trimethyl (=eucalyptol)	LD50: 2 480 mg/kg	Species: Rat
2-Isopropyl-5- methylcyclohexanone (= isomenthone)	LD50: 2 119 mg/kg	Species: 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:

2-(1-methylpropyl)- Cyclohexanone	LD50: > 5 000 mg/kg	Species: Rabbit
5-methyl-2-(1-methylethyl)- cyclohexanol (= Menthol)	LD50: > 5 000 mg/kg	Species: Rabbit
3,3,5-Trimethylcyclohexan-1- ol	LD50: 2 800 mg/kg	Species: Rabbit
3,7-dimethyl-1,6-octadien-3-yl acetate (= linalyl acetate)	LD50: > 5 000 mg/kg	Species: Rabbit
methyl 2-hydroxybenzoate (=methyl salicylate)	LD50: > 5 000 mg/kg	Species: Rabbit
2-Isopropyl-5- methylcyclohexanone (= isomenthone)	LD50: > 5 000 mg/kg	Species: Rabbit

Acute toxicity (other routes of administration): No data is available on the product itself.

Skin corrosion/skin irritation:
Skin irritation: may cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation:
Eye irritation: vapours may cause irritation to the eyes, respiratory system and the skin.

Respiratory or skin sensitisation: No data is available on the product itself.

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Germ-cell mutagenicity: No data is available on the product itself.
Carcinogenicity: No data is available on the product itself.
Reproductive toxicity: No data is available on the product itself.
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: Aspiration toxicity No data is available on the product itself.
Phototoxicity: No data is available on the product itself.
Additional information: No data available.

11.2. Information on other hazards

Endocrine disrupting properties
Product:
Assessment: 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.

Further information: No data available.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity: No data available.

12.2. Persistence et degradability: No data available.

12.3. Bioaccumulative potential: No data available.

12.4. Mobility in soil: No data available.

12.5. Results of PBT and vPvB assessment

Product: 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. Endocrine disrupting properties

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.

12.7. Other adverse effects

Harmful to aquatic life with long lasting effects.

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SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product:
The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical residues or used packaging.
Send to an authorised waste disposal company.

Contaminated packaging: empty remaining contents.
Dispose of as unused product. Do not re-use empty containers.
Comply 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
IMDG segregation group code: none.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable for the product as supplied.

SECTION 15. REGULATORY INFORMATION

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : 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).

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15.2. Chemical safety assessment

A chemical safety assessment is not required for this substance.

SECTION 16. OTHER INFORMATION

H226 : Flammable liquid and vapour.
H228 : Flammable solid.
H302 : Harmful if swallowed.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H318 : Causes severe eye damage.
H319 : Causes serious eye irritation.
H332 : Harmful if inhaled.
H361 : Suspected of damaging fertility or the unborn child.
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;

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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).

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Information displayed in section 3 (Composition/information on ingredients) is additional information to understand the hazards of the product and ensure safe handling, storage and transportation. This information, including CAS numbers, is not meant to be used for registration, notification or any other purposes. Any additional information and documentation needed may be provided by Interscience.

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