

SAFETY DATA SHEET

according to Regulation (EC) N° 1907/2006

ANABAC NATURAL VANILLA

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

1.1. Product identifier

Sales reference: Anabac® Natural Vanilla

Product code: 321200

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 SARL

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/prevativna-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	<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.centreetipoisons.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.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/

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

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

(Eye Irrit. 2) H319 Causes serious eye irritation.

2.2. Label elements

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

Hazard pictogram



Hazard statements : : Warning

H319 Causes serious eye irritation.

Precautionary statements : P264 : Wash skin thoroughly after handling.

P280 : Wear eye protection /face protection.

P305 : IN CASE OF EYE CONTACT:

P351 : Rinse cautiously with water for several minutes.

P338 : Remove contact lenses, if present and easy to do. Continue rinsing.

P337 : If eye irritation persists:

P313 : Get medical advice/ attention.

P102 Keep out of reach of children.

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.

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 Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (Percent by weight)
3-methoxy-4-hydroxy-benzaldehyde (= Vanillin)	121-33-5 204-465-2 01-2119516040-60	Eye Irrit. 2, H319	10

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 advices:

Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

Do not leave 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: take off contaminated clothing and shoes immediately.

In case of skin contact, rinse well with water.

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 : no data available.

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 : 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 on safe handling:

Do not breathe vapours/dust.

Avoid contact with skin and eyes.

For personal protection, 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.

Advice on protection against fire and explosion:

Normal measures for preventive fire protection.

Temperature class: No data available.

Fire-fighting 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.

Electrical installations and equipment must comply with technological safety standards.

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 (Germany): no data available.

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

Personal protective equipment

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 tightly fitting safety glasses according to EN 166.

Skin and body protection

Wear working clothes covering arms and legs.

Hygiene measures and general protective measures

Do not eat, drink or smoke during work.

Wash and dry your hands after finishing work.

Exposure assessment : exposure is 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 differ from one workplace to another, 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. PPE is always the last resort to avoid exposure. In any case, technical and organisational measures have to be explored and used before 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 and used to PPE handling.

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: colourless to very slightly yellow.

Taste: not determined.

Odour: Vanilla-like, Food-like.

Odour threshold: Not applicable.

Flash point: > 150 °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: 0.008 hPa at 20°C calculated (90.0%).

Density: 1 149,92 kg/m³ at 20°C.

Bulk density : not applicable.

Water solubility: soluble gelatin capsule (wet heat).

Partition coefficient: octanol/water: not applicable.

Viscosity, kinematic: not available.

Relative vapour density: not 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

Sub-section	comment	LD	Species
Acute oral toxicity	No data is available on the product itself.		
Acute oral toxicity	3-methoxy-4-hydroxybenzaldehyde (= Vanillin)	LD50: 3 925 mg/kg	Species: Mouse
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-methoxy-4-hydroxybenzaldehyde (= Vanillin)	LD50: > 5 010 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 in sensitive individuals.		
Serious eye damage/eye irritation	Eye irritation: vapours may cause eye, respiratory and skin irritation.		
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	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		

SECTION 12. ECOLOGICAL INFORMATION

12.1. Ecotoxicity

Toxicity to fish : no data available.

Toxicity to Daphnia and other aquatic invertebrates : no data available.

Toxicity to algae : no data available.

Toxicity to bacteria : no data available.

Toxicity to fish (chronic toxicity) : no data available.

Toxicity to Daphnia and other aquatic invertebrates (chronic toxicity) : no data available.

Acute toxicity to the aquatic environment: no data available.

Chronic toxicity to the aquatic environment: no data available.

Toxicity data on soil : no data available.

Other organisms relevant to the environment : no data available.

12.2. Persistence et degradability

Biodegradability: no data available.

12.3. Bioaccumulative potential

Bioaccumulation: no data available.

12.4. Mobility in soil

Mobility: the product is soluble in water. Very mobile in soils.

Physico-chemical elimination: 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

Biochemical Oxygen Demand (BOD): no data available

Dissolved Organic Carbon (DOC): no data available

Chemical Oxygen Demand (COD): no data available

Adsorbed Organic bound halogens (AOX): no data available

Additional ecological information: no data available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product: Do not dispose waste in the sewer.

Do not contaminate ponds, waterways or ditches with chemical residues or used packaging.

Send to an authorised waste disposal company.

Contaminated packaging: empty the remains.

Dispose as unused product.

Do not reuse 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 convention 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

Regulations on major accident hazards (regulations on classified installations): not applicable.

Water contamination class (Germany): WGK 1 slightly 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

H319 Causes serious eye irritation.

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).

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.