

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

1352204

Review date: 28/05/2019
Printing date: 28/05/2019

01 Identification of the substance/mixture and of the company undertaking

- **1.1 Product identifier**

- Trade name:
GATULINE AGE DEFENSE NP
- Article number:
5907
- Definition:
Aqueous extract of Walnut seed.
- INCI (PCPC):
Water (and) Juglans Regia (Walnut) Seed Extract
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Uses of the substance/mixture:
Ingredient (raw material) for cosmetic use.
For additional information on the fields of use of this product,
please contact us.

- **1.3 Details of the supplier of the safety data sheet**

- Manufacturer/Supplier:
* Gattefossé SAS
* 36, chemin de Genas
* CS 70070
* 69804 Saint Priest cédex
* Tel: (33) 04.72.22.98.00
* Fax: (33) 04.78.90.45.67
- Further information obtainable from:
Gattefossé SAS - Regulatory Department
regulatory@gattefosse.com
- 1.4 Emergency telephone number:
FRANCE: + 33 (0)1 45 42 59 59 (ORFILA / INRS)
For other EU countries, please consult:
http://echa.europa.eu/help/nationalhelp_contact_en.asp
CHINE: GATTEFOSSE CHINA TRADING CO., LTD.
Tel: +86 021-58958010 / Fax: +86 021-58958015.

02 Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
Void
- 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008
Void
- Signal word
Void
- Hazard statements
Void

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- **GHS label elements**
Void
- **US NFPA 704 (National Fire Protection Association) Hazard Rating System**
- Health hazard:
Rating 0: Normal material.
- Flammability:
Rating 0: Will no burn.
- Reactivity:
Rating 0: Stable.
- Other hazard information:
None.
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT:
Not applicable.
- vPvB:
Not applicable.

03 Composition/information on ingredients

- **3.2 Chemical characterization:**
- Description:
- Dangerous components:
Mixture: consisting of the following components. This section describes all components of the mixture. When no classification is mentioned below the identification of the substance, the substance shall be considered →not classified→ according to Regulation EC 1272/2008.

CAS Number		%
7732-18-5	Water EC number: 231-791-2 Record number NOT APPL. (ANNEX IV)	75.0<A1<100
84012-43-1	Walnut, <i>Juglans regia</i> , ext. EC number: 281-688-1 Record number EXEMPTED (< 1T)	1.0<E<5.0
65-85-0	Benzoic acid EC number: 200-618-2 Record number 01-2119455536-33-XXXX ⚠ Eye Dam. 1 - H318; ⚠ STOT RE 1 - H372; ⚠ Skin Irrit. 2 - H315	0.1<F<1.0
139-33-3	disodium dihydrogenethylenediaminetetraacetate EC number: 205-358-3 Record number 01-2119486775-20-XXXX ⚠ Acute Tox. 4 - H332; ⚠ STOT RE 2 - H373	0.1<F<1.0
7681-57-4	sodium metabisulphite EC number: 231-673-0 Record number 01-2119531326-45-XXXX ⚠ Eye Dam. 1 - H318; ⚠ Acute Tox. 4 - H302-EUH031	0.1<F<1.0
110-44-1	Sorbic acid EC number: 203-768-7 Record number 01-2119950330-49-XXXX	0.1<F<1.0

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 **Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, STOT SE 3 - H335**

04 First aid measures

- 4.1 Description of first aid measures
-
- **General information:**
No special measures required.
- **After inhalation:**
Supply fresh air ; consult doctor in case of complaint.
- **After skin contact:**
Wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Seek immediate medical advice.
- **Information for doctor:**
No further relevant information available.
- 4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

05 Firefighting measures

- 5.1 Extinguishing media
- **5.1 Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
No special measures required.
- Protective equipment:
No special measures required.

06 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Pick up mechanically.
Ensure adequate ventilation.

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07 Handling and storage

- **Handling:**
 - 7.1 Precautions for safe handling
No special measures required.
 - Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
No special measures required.
 - 7.2 Conditions for safe storage, including any incompatibilities
No special requirements.
- **Storage:**
 - Requirements to be met by storerooms and receptacles:
No special requirements.
 - Information about storage in one common storage facility:
Not required.
- **7.3 Specific end use(s)**
No further relevant information available.

08 Exposure controls/personal protection

- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:**
The lists valid during the making were used as basis.
- **Personal protective equipment:**
 - General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.
 - Respiratory protection: Not necessary if room is well-ventilated.
 - Protection of hands: Protective gloves
 - Material of gloves
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 - Eye protection: Safety glasses
 - Body protection: Protective work clothing

09 PHYSICAL AND CHEMICAL PROPERTIES

Appearance :	
Form:	Fluid
Colour:	Yellow
Odour:	Light
Melting point/Melting range:	Undetermined
Boiling point/Boiling range:	> 100,0 °C
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature (auto-ignition):	Not applicable.
Danger of explosion:	Product does not present an explosion hazard.
Solubility in / Miscibility with water:	Soluble.
pH-value:	4.0 - 5.5

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10 Stability and reactivity

- 10.1 Reactivity
Stable.
- 10.2 Chemical stability
Stable.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions
No dangerous reactions known.
- 10.4 Conditions to avoid
No further relevant information available.
- **10.5 Incompatible materials:**
No further relevant information available.
- **10.6 Hazardous decomposition products:**
Carbon monoxide and carbon dioxide

11 Toxicological information

11.1 Summary :

A summary of the evaluation is presented here after.

- **Acute toxicity:**
- LD/LC50 values relevant for classification:
GATULINE AGE DEFENSE 2
Oral, LD50: > 2010 mg/kg (rat)
- Primary irritant effect:
- on the skin:
No irritant effect.
Not classified (Regulation CLP (EC) No 1272/2008).
- on the eye:
No irritating effect.
Not classified (Regulation CLP (EC) No 1272/2008).
- Sensitization:
No sensitizing effects known.
Not classified (Regulation CLP (EC) No 1272/2008).
- **Subacute to chronic toxicity:**
Not classified (Regulation CLP (EC) No 1272/2008).
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

Toxicological information about product :

No toxicity study has been done on the product.

The toxicity assessment of our product is based on a read-across approach (structurally related substances). Health effects of our product are predicted from data on similar substances.

Only the studies important for the product classification are listed here after. Contact us for the complete list of studies.

- Cutaneous irritation (Patch test) :
 - Species :
 - Human being.
 - Concentration :

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- Pure
- Result :
 - Non irritant.
 - Reference :
 - Gattefossé data
 - Product tested : GATULINE AGE DEFENSE
- Ocular tolerance assessment (HET CAM method) :
 - Concentration :
 - Pure
 - Result :
 - Non irritant.
 - Reference :
 - Gattefossé data
 - Product tested : GATULINE AGE DEFENSE
- Acute toxicity (oral) :
 - Species :
 - Rat
 - Concentration :
 - Pure
 - Result : LD50 > 2010 mg/kg.
 - Reference :
 - Gattefossé data
 - Product tested : GATULINE AGE DEFENSE
- Mutagenicity/Genotoxicity :
 - Method :
 - Ames - Reverse Mutation Test Using Bacteria.
 - With and without metabolic activation.
 - Concentration :
 - Pure
 - Result :
 - Negative.
 - Reference :
 - Gattefossé data
 - Product tested : GATULINE AGE DEFENSE

12 Ecological information

12.1 Summary :

A summary of the evaluation is presented here after.

- **12.2 Persistence and degradability**

Extrait aqueux / Aqueous extract.
biodegradable
Not classified (Regulation CLP (EC) No 1272/2008).

- **Behaviour in environmental systems:**

- 12.3 Bioaccumulative potential
Extrait aqueux / Aqueous extract.
A worth-mentioning accumulation in organisms is not expected.
Not classified (Regulation CLP (EC) No 1272/2008).
- 12.4 Mobility in soil

No further relevant information available.

- **Ecotoxic effects:**

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- Aquatic toxicity:
Not classified (Regulation CLP (EC) No 1272/2008).
No data available.
Not classified (Dangerous Preparations Directive DPD 88/379/EEC).
- **12.5 Results of PBT and vPvB assessment**
Not classified PBT and vPvB (Annex VI Regulation (EC) No 1272/2008).

Indications about product :

No ecotoxicity study has been done on the product.

13 Disposal considerations

- **13.1 Waste treatment methods**
- Recommendation
Must be disposed of an incinerator.
- Recommendation about packaging :
Disposal must be made according to official regulations.
Packaging may be reused or recycled after cleaning.

14 TRANSPORT INFORMATON

- **Land transport ADR/RID (cross-border)**
Not regulated.
- **Inland shipping ADN:**
Not regulated.
- **Maritime transport IMDG:**
Not regulated.
- **Air transport ICAO-TI and IATA-DGR:**
Not regulated.
- **Environmental hazards:**
Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
Not applicable.

15 REGULATORY INFORMATION

- **Labelling according to EU guidelines:**
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV) .
- **National regulations:**
- Additional classification according to Decree on Hazardous Materials, Annex II:
Not classified.
- Classification according to VbF:

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Not classified.

- Classification WGK (Water hazard classes - Wassergefährdungsklassen):
Wassergefährdungsklasse (WGK) : Not classified (nicht wassergefährdend).

- **International rules :**

- USA :

Conforms to US TSCA (Toxic Substance Control Act). Substances that are regulated under other federal regulations (ie food additives, drug, cosmetics etc) are not subject to TSCA.

16 Other information

Regulatory requirements relative to the distribution of this MSDS : In accordance with the regulatory requirements, all information in the MSDS must be transmitted by the MSDS recipient to the health authorities, to any party receiving the products and to any other person likely to be exposed to the products.

Asterisks (*) on life show modifications with regard to last chemical safety data sheet.

- Relevant phrases

EUH031	Contact with acids liberates toxic gas.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.

- **Department issuing MSDS:**

Gattefosse SAS - Regulatory Department regulatory@gattefosse.com

- **Liability clause :**

The information contained in this data sheet is based on our knowledge of the related product on the date indicated, but does not amount to a guarantee in respect of the product's properties and does not give rise to any contractual legal tie. This information is given in utmost good faith. It cannot substitute for indispensable preliminary tests that must be conducted to ensure product suitability for each intended use. The user's attention is also drawn to the possible risks incurred if a product is used for a purpose other than its designed purpose. This data sheet does not under any circumstance replace knowledge and application by the user of all laws and regulations relevant to his own operations. The user shall be solely liable for the precautions taken relevant to the use made of the products. The list of related laws and regulations is given simply to help the user to fulfil the obligations incumbent upon him for use of the product. This must not be considered an exhaustive list and does not exempt the user from ensuring that he may possibly come under other obligations pursuant to laws or regulation other than those indicated relating to the possession and manipulation of the product for which he shall be solely liable.

- Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

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ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative