

Material security data sheet

Printed : 01/03/2017

Review : 001NEW-12-GHS from 19/01/2017

BALSAM TOLU RESINOID ABSOLUTE

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

BALSAM TOLU RESINOID ABSOLUTE

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

Use : Industrial, only for professional use.

1.3. Details of the supplier of the safety data sheet

Company SAS MATIÈRES PREMIÈRES ESSENTIELLES
6, chemin St Joseph
BP 25265
06131 GRASSE CEDEX
Tel:04 93 09 19 27
Fax :04 93 77 89 88
Web :www.mpe-grasse.fr
Email :sales@mpe-grasse.fr

1.4. Emergency telephone number

In case of emergency call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 (UK only).

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification :

RegulationGHS

EyeDam.1Seriouseyedamage/eyeirritation1 H318 : Causes serious eye damage.

AquaticAcute1Hazardoustotheaquaticenvironment,acutehazard1 H400 : Very toxic to aquatic life.

AquaticChronic2Hazardoustotheaquaticenvironment,long-tremhazard H411 : Toxic to aquatic life with long lasting effects.

SkinIrrit.2Skincorrosion/irritation2 H315 : Causes skin irritation.

SkinSens.1ASensitisation,skin1A H317 : May cause an allergic skin reaction.

StotRe1Specifictargetorgantoxicity,repeatedexposure1 H372 : Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

2.2. Label elements

Material security data sheet

Printed : 01/03/2017

BALSAM TOLU RESINOID ABSOLUTE

Review : 001NEW-12-GHS from 19/01/2017

GHS Classification :

RegulationGHS

Warning mention : Danger

Eye Dam. 1 Serious eye damage / eye irritation 1
Aquatic Acute 1 Hazardous to the aquatic environment, acute hazard 1
Aquatic Chronic 2 Hazardous to the aquatic environment, long-term hazard 2
Skin Irrit. 2 Skin corrosion / irritation 2
Skin Sens. 1A Sensitisation, skin 1A
Stot Re 1 Specific target organ toxicity, repeated exposure 1

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H372 - Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400 - Very toxic to aquatic life.

H411 - Toxic to aquatic life with long lasting effects.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P264 - Wash ... thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

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

P302+P352 - IF ON SKIN: Wash with plenty of water/...

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

P310 - Immediately call a POISON CENTER/doctor/...

P314 - Get medical advice/attention if you feel unwell.



2.3. Other hazards

Contains Benzoic acid, Cinnamaldehyde, Eugenol, Nerolidol (isomer unspecified), Benzyl alcohol, Vanillin, Ethyl alcohol

3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

3.1. Substances

Not available

3.2. Mixtures

Material	C.A.S	EINECS	Risk Symbol	Percent %
----------	-------	--------	-------------	-----------

Material security data sheet

Printed : 01/03/2017

BALSAM TOLU RESINOID ABSOLUTE

Review : 001NEW-12-GHS from 19/01/2017

Benzyl benzoate	120-51-4	204-402-9	Acute Tox. 5 (D), Acute Tox. 4 (O), Aquatic Acute 1, Aquatic Chronic 2, Flam. Liq. 4 - H313, H302, H400, H411, H227	[15-20]
Benzoic acid	65-85-0	200-618-2	Acute Tox. 5 (O), Eye Dam. 1, Aquatic Acute 3, Skin Irrit. 2, Stot Re 1 - H303, H318, H402, H315, H372	[5-10]
Benzyl cinnamate	103-41-3	203-109-3	Acute Tox. 5 (O), Aquatic Acute 2, Aquatic Chronic 2, Skin Irrit. 3, Skin Sens. 1B - H303, H401, H411, H316, H317	[5-10]
Benzyl alcohol (No REACH : 01-2119492630-38)	100-51-6	202-859-9	Acute Tox. 4 (I), Acute Tox. 4 (O), Eye Irrit. 2, Eye Irrit. 2A - H332, H302, H319	[1-5]
Cinnamaldehyde	104-55-2	203-213-9	Acute Tox. 4 (D), Acute Tox. 5 (O), Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 2, Skin Irrit. 2, Skin Sens. 1A - H312, H303, H319, H401, H315, H317	[1-5]
Cinnamyl alcohol	104-54-1	203-212-3	Acute Tox. 5 (O), Skin Sens. 1B - H303, H317	[1-5]
Ethyl alcohol	64-17-5	200-578-6	Acute Tox. 4 (D), Eye Irrit. 2, Eye Irrit. 2A, Flam. Liq. 2 - H312, H319, H225	[1-5]
Ethyl cinnamate	103-36-6		Acute Tox. 5 (O) - H303	[1-5]
Eugenol	97-53-0	202-589-1	Acute Tox. 5 (O), Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 2, Skin Irrit. 3, Skin Sens. 1B - H303, H319, H401, H316, H317	[1-5]
Nerolidol (isomer unspecified) (No REACH : 01-2119457636-29-0000)	7212-44-4	230-597-5	Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 1, Aquatic Chronic 1 - H319, H400, H410	[1-5]
Vanillin	121-33-5	204-465-2	Acute Tox. 5 (O), Eye Irrit. 2, Eye Irrit. 2A, Aquatic Acute 3 - H303, H319, H402	[1-5]

4. FIRST AID MEASURES

4.1. Description of first aid measures

General Notes :

If in doubt, always call a doctor.

If Inhaled :

If the person is unconscious, place in the fresh air . Consult a doctor

Contact with skin :

Remove soiled clothing . Wash immediately and abundantly with water.

Contact with eyes :

Abundant rinsing with water then washing with an ocular lotion standard Dacryoserum. Consult an ophthalmologist.

If swallowed :

Do not induce vomiting, maintain the patient at rest. Resort to the medical care.

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

Not available

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

Not available

Material security data sheet

Printed : 01/03/2017

BALSAM TOLU RESINOID ABSOLUTE

Review : 001NEW-12-GHS from 19/01/2017

5. FIRE FIGHTING

Flammability class : The product is not flammable.

5.1. Extinguishing media

Appropriate extinction method :

In case of fire, use water spray (or fog) and appropriate fire extinguishers (CO₂, powder ...)

Inappropriate extinction method :

In case of fire, never use direct water stream.

5.2. Special hazards arising from the substance or mixture

Flammability : The product is not flammable..

In case of fire, may produce toxic fumes of carbon monoxide (CO) or carbon dioxide (CO₂). Exposure to decomposition products may be hazardous to health. Do not breathe fumes.

5.3. Advice for firefighters

Not available

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Prevent a manager.

Refer to protective measures listed in sections 7 and 8.

For non-emergency personnel:

Avoid breathing vapors. Avoid all contact with skin and eyes. If necessary, evacuate staff by trained operators equipped with safety equipment

For emergency responders:

Appropriate personal protective equipment will be required (refer to Section 8).

Use appropriate personal protective equipment during clean-up .

6.2. Environmental precautions

Prevent contamination of soil and water, while entering into drains, ditches and rivers. Notify authorities if the product penetrates into the sewers or public waters.

6.3. Methods and material for containment and cleaning up

Diking with sand or diatomaceous earth, pumping and rinsing with water after recovery of specific waste in plastic drums and labeled then deliver to an approved waste facility.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections

Refer to sections 8 and 13 for information on exposure control, personal protection and disposal.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Wash hands after use.

Reproduce labeling if transfer to another container.

Material security data sheet

Printed : 01/03/2017

BALSAM TOLU RESINOID ABSOLUTE

Review : 001NEW-12-GHS from 19/01/2017

Ensure adequate ventilation.
Provide safety showers and eye washes.

Fire prevention :

Prevent access by unauthorized persons.
Handle in well ventilated areas.

Equipment and procedures :

For personal protection, see Section 8.
Observe precautions stated on the label and regulations of labor protection.
Close the packaging after use.
Avoid inhalation of vapors and contact with skin or eyes.

7.2. Conditions for safe storage, including any incompatibilities

Keep tightly closed containers away from heat sources and protected from extreme temperatures.
Keep containers closed when not in use.
Always keep in appropriate packages (identical to the original material).

7.3. Specific end use(s)

Not available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Exposition limit (France INRS - ED984 07/2012)

- V.M.E (8 hr)

Ethyl alcool 1000 ppm

- V.L.E (15 mn)

Ethyl alcool 5000 ppm

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Personal protective equipment :

Hands protection : Not required but recommended. Eyes protection : Not required but recommended. Respiratory protection : Not required if a good ventilation is maintained.

Body protection :

Wear regularly cleaned overalls. In case of contact, all soiled parts should be washed.

Engineering measures :

Avoid contact with eyes, skin or clothing. Do not ingest. Avoid contact with food, drinks.

Do not eat, do not drink and do not smoke during use.

Symbol compulsory wearing of personal protective equipment (PPE):

Material security data sheet

Printed : 01/03/2017

BALSAM TOLU RESINOID ABSOLUTE

Review : 001NEW-12-GHS from 19/01/2017

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Relative density (d ₂₀ /20) :	[1.110 ; 1.170]
Refractive index at 20 C :	[1.560 ; 1.610]
Angular rotation () :	N.A.
Color :	dark brown
Appearance :	viscous to pasty
Odor :	balsamic, sweet, spicy
Flash point (C) :	100 C

9.2. Other information

Not available

10. STABILITY AND REACTIVITY

10.1. Reactivity

No dangerous reactions during storage and handling according to specifications.

10.2. Chemical stability

Stable product during storage and handling according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions during storage and handling according to specifications.

10.4. Conditions to avoid

Avoid excessive heat (naked flames, sparks, ...).

10.5. Incompatible materials

Not available

10.6. Hazardous decomposition products

Thermal decomposition / conditions to be avoided :

No decomposition if used according to specifications.

Dangerous decomposition products :

No dangerous decomposition products known.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological

Toxicological Information :

No data available.

Toxicological Informations Acute :

Oral (mg/kg) : Not classified

Material security data sheet

Printed : 01/03/2017

BALSAM TOLU RESINOID ABSOLUTE

Review : 001NEW-12-GHS from 19/01/2017

Inhalation (mg/kg) : Not determined

Skin (mg/kg) : Not classified

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

12.2. Persistence and degradability

Not available

12.3. Bioaccumulative potential

Not available

12.4. Mobility in soil

Not available

12.5. Results of PBT and vPvB assessment

Not available

12.6. Other adverse effects

Not available

13. DISPOSAL RECOMMENDATIONS

13.1. Waste treatment methods

Waste : Do not flush with household garbage. Do not pour into drains or waterways. Dispose of according to current legislation, by a collector or a specialized company.

Contaminated packaging : Keep the label on the container. Give to a certified disposal.

14. TRANSPORT INFORMATION

ADR:



IMDG:



IATA:

Material security data sheet

Printed : 01/03/2017

BALSAM TOLU RESINOID ABSOLUTE

Review : 001NEW-12-GHS from 19/01/2017



14.1. UN number

ADR : 3082 (Tunel code :(E))
IMDG:3082
IATA :3082

Custom tariff : 33029090

14.2. UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Nerolidol (isomer unspecified))
IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Nerolidol (isomer unspecified))
IATA :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Nerolidol (isomer unspecified))

14.3. Transport hazard class(es)

ADR : 9
IMDG:9
IATA :9

14.4. Packing group

ADR : III
IMDG:III
IATA :III

14.5. Environmental hazards

IMDG : Marine pollutant component

14.6. Special precautions for user

Not available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not available

15. REGULATORY INFORMATION

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

Class of water contamination (Germany) : WGK 3

15.2. Chemical safety assessment

Contient Benzoic acid, Cinnamaldehyde, Eugenol, Nerolidol (isomer unspecified), Benzyl alcohol, Vanillin, Ethyl alcool : Peut provoquer des allergies.

16. OTHER INFORMATION

Full H sentences text in point 3 :

H225 Highly flammable liquid and vapour.
H227 Combustible liquid
H302 Harmful if swallowed.

Material security data sheet

Printed : 01/03/2017

BALSAM TOLU RESINOID ABSOLUTE

Review : 001NEW-12-GHS from 19/01/2017

- H302+H332 Harmful if swallowed or if inhaled
- H303 May be harmful if swallowed
- H312 Harmful in contact with skin.
- H313 May be harmful in contact with skin
- H315 Causes skin irritation.
- H316 Causes mild skin irritation
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H372 Causes damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
- H400 Very toxic to aquatic life.
- H401 Toxic to aquatic life
- H402 Harmful to aquatic life
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.

Material security data sheet according to (CE) 1272/2008

These indications are founded on the current state of our knowledge, but do not constitute a guarantee as for the properties of the product and do not give place to a contractual legal report.

Modified points : 2.1 / 2.2 / 8.2