

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



467794 NEUTRALOR #DN10006/3

Version 7

Revision Date 19.02.2015

Print Date 12.03.2015

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

1.1 Product identifier

Commercial Product Name : NEUTRALOR #DN10006/3

Material number : 467794

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

Use of the Substance/Mixture : Fragrance mix

1.3 Details of the supplier of the safety data sheet

Company : Holzminden
Muehlenfeldstrasse 1
D-37603 Holzminden

Telephone : +495531900

Telefax : +495531901649

E-mail address : sds@symrise.com

For further information, please contact:
Symrise AG - Tel.: +49 / (0)5531 / 90-0

1.4 Emergency telephone number

Emergency CONTACT (24-Hour-Number)
GBK/Infotrac ID 101844: +49(6132)9829021

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4, Oral	H302
Serious eye damage, Category 1	H318
Skin sensitisation, Category 1	H317
Chronic aquatic toxicity, Category 2	H411

Classification (67/548/EEC, 1999/45/EC)

Xn; R22
Xi; R43
Xi; R41
N; R51/53

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :



Signal word :

Danger

Hazard statements :

H302
H317
H318
H411

Harmful if swallowed.
May cause an allergic skin reaction.
Causes serious eye damage.
Toxic to aquatic life with long lasting effects.

Precautionary statements :

Prevention:

P261

Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ eye protection/ face protection.

Response:

P302 + P352

IF ON SKIN: Wash with plenty of soap and 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 or doctor/ physician.

Labelling (67/548/EEC, 1999/45/EC)

Symbol(s) :

Xn
N

Harmful
Dangerous for the environment

R-phrases) :

R22
R41
R43
R51/53

Harmful if swallowed.
Risk of serious damage to eyes.
May cause sensitisation by skin contact.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases) :

S24
S26

S37/39
S57

S60

Avoid contact with skin.
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear suitable gloves and eye/face protection.
Use appropriate container to avoid environmental contamination.
This material and its container must be disposed of as hazardous waste.

Contains :

FATTY ALCOHOL POLYETHYLENE GLYCOL ETHER, CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-, (R)-, CITRAL.

2.3 Other hazards

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical characterization : Preparation

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3.2 Mixtures

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
EMULSIFIER MULSIFAN RT 203/80	68131-39-5 -	Xn R41 R22	Eye Dam.: 1; H318 Aquatic Chronic: 3; H412 Acute Tox.: 4 (Oral); H302	>= 25 - < 50
(R)-p-Mentha-1,8- diene	5989-27-5 227-813-5	N; Xn R10 R38 R43 R50/53 R65	Asp. Tox.: 1; H304 Aquatic Chronic: 1; H410 Aquatic Acute: 1; H400 Skin Sens.: 1; H317 Skin Irrit.: 2; H315 Flam. Liq.: 3; H226	>= 1 - < 5
Citral	5392-40-5 226-394-6	Xi R38 R43	Eye Irrit.: 2; H319 Skin Irrit.: 2; H315 Skin Sens.: 1; H317	>= 1 - < 5
Exo-1,7,7- trimethylbicyclo[2.2. 1]hept-2-yl acetate	125-12-2 204-727-6	Xi; N R38 R51/53	not hazardous	>= 0,1 - < 1

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

For the full text of the R-phrases mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Never give anything by mouth to an unconscious person.
- Inhalation : Move to fresh air.
- Skin contact : Take off all contaminated clothing immediately.
If symptoms persist, call a physician.
- Eye contact : Protect unharmed eye.
In the case of contact with eyes, rinse immediately with plenty of water
and seek medical advice.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.
Prevent vomiting if possible.
If a person vomits when lying on his back, place him in the recovery
position.
Never give anything by mouth to an unconscious person.
If accidentally swallowed obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

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SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Extinguishing media which shall not be used for safety reasons : High volume water jet

5.2 Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.
Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Ensure adequate ventilation.
Use personal protective equipment.

6.2 Environmental precautions

- Environmental precautions : Should not be released into the environment.
Avoid subsoil penetration.
Prevent further leakage or spillage if safe to do so.
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 (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Wipe up with absorbent material (e.g. cloth, fleece).
- Additional advice : Local authorities should be advised if significant spillages cannot be contained.
Suppress (knock down) gases/vapours/mists with a water spray jet.

6.4 Reference to other sections

- For personal protection see section 8.

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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling : Dispose of rinse water in accordance with local and national regulations. For personal protection see section 8.

Advice on protection against fire and explosion : When using do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Keep container tightly closed in a dry and well-ventilated place. To maintain product quality, do not store in heat or direct sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage : No special restrictions on storage with other products.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Fragrance mix

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters, Germany:

Components	CAS-No.	Control parameters	Update	Basis
2-(2-Ethoxyethoxy)ethanol	111-90-0	AGW 6 ppm	07 2009	TRGS 900
(R)-p-Mentha-1,8-diene	5989-27-5	AGW 20 ppm	07 2009	TRGS 900

8.2 Exposure controls

Engineering measures

none

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : Wear chemicals-resistant gloves, e.g. safety gloves of chloroprene Level 2 or of butyl rubber Level 6.

Eye protection : Safety glasses

Skin and body protection : Lightweight protective clothing

Hygiene measures : Wash hands before breaks and immediately after handling the product.

Protective measures : When using, do not eat, drink or smoke.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Form : clear liquid
Colour : colorless to yellow
Odour : characteristic
Odour Threshold : No data available

Safety data

Flash point : 67 °C
Water solubility : completely miscible
Relative density : 1,0010 - 1,0110 at
20 °C relation to density of water at 4°C
Bulk density :
Relative vapour density : not determined
Vapour pressure : 2 kPa at 50 °C
calculated
Melting point/freezing point :
not determined
Boiling point : not determined
Partition coefficient: n-
octanol/water : log Pow:
Not applicable
pH : not determined
Evaporation rate : Not applicable
Flammability (solid, gas) : Not applicable
Auto-ignition temperature : The substance or mixture is not classified as self heating.
Decomposition temperature : No data available
Oxidizing properties : The substance or mixture is not classified as oxidizing.
Explosive properties : Due to its structural properties, the product is not classified as explosive
Lower explosion limit : Vapours may form explosive mixtures with air.
Upper explosion limit : Vapours may form explosive mixtures with air.

A final assessment of potential explosion hazards can only be made on a case-by-case basis when precise information is available on product handling, production setup and the circumstances surrounding the use of the product.

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9.2 Other data

None.

SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity** : No data available
- 10.2 Chemical stability** : No data available
- 10.3 Possibility of hazardous reactions** : No dangerous reaction known under conditions of normal use.
- 10.4 Conditions to avoid** : No data available
- 10.5 Incompatible materials to avoid** : No data available
- 10.6 Hazardous decomposition products** : No data available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

- Acute oral toxicity : Acute toxicity estimate : 1.250 mg/kg, Calculation method
- Acute inhalation toxicity : No data available
- Acute dermal toxicity : No data available
- Repeated dose toxicity : No data available
- Acute toxicity (other routes of administration) : No data available
- Skin irritation : No data available
- Eye irritation : No data available
- Sensitisation : No data available
- Mutagenicity : No data available
- Carcinogenicity : No data available
- Reproductive toxicity : No data available
- Teratogenicity : No data available
- Specific target organ toxicity - single exposure : No data available
- Specific target organ toxicity - repeated exposure : No data available
- Aspiration toxicity : No data available

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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No data available

12.2 Persistence and 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

No data available

12.6 Other adverse effects

Toxic to aquatic life with long lasting effects.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product : Where possible recycling is preferred to disposal or incineration.
If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

ADR : 3082
RID : 3082
IMDG : 3082
IATA-DGR : 3082

14.2 Proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE)
RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE)
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (LIMONENE,1-OCTANAL) MP
IATA-DGR : Environmentally hazardous substance, liquid, n.o.s. (LIMONENE)

14.3 Transport hazard class

ADR : 9
RID : 9
IMDG : 9

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IATA-DGR : 9

14.4 Packing group

ADR:

Packaging group : III
Classification Code : M6
Hazard Identification Number : 90
Labels : 9
Tunnel restriction code : (E)

RID:

Packaging group : III
Classification Code : M6
Hazard Identification Number : 90
Labels : 9

IMDG:

Packaging group : III
Labels : 9
EmS - EmS : F-A, S-F

IATA-DGR:

Packing instruction (cargo aircraft) : 964
Qty/Pkg (Cargo) : 450,00 L
Packing instruction (passenger aircraft) : 964
Qty/Pkg (Passenger) : 450,00 L
Packaging group : III
Labels : 9MI

14.5 Environmental hazards

ADR:

Environmentally hazardous : yes

RID:

Environmentally hazardous : yes

IMDG:

Marine pollutant : yes

IATA-DGR:

Environmentally hazardous : yes

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: REGULATORY INFORMATION

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

National legislation

Risk classification according to BetrSichV (Germany) : Exempt

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Water contaminating class : WGK 3 (highly water endangering)
(Germany) Calculation acc. Annex 4 to VwVwS

15.2 Chemical Safety Assessment

No data available

SECTION 16: OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3:

R10	Flammable.
R22	Harmful if swallowed.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

Full text of H-Statements referred to under sections 2 and 3.:

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
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.

Further information

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 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.

Any data changes with reference to previous versions are marked by a vertical line in front of the concerned paragraph.