



SAFETY DATA SHEET (according to Regulation (EU) No. 1907/2006)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier: **NEUTRALIZER**
Product Reference: **199874**
- 1.2 *Relevant identified uses of the substance or mixture:* Fragrance for the manufacture of industrial
Uses advised against: **Other uses than those recommended**
- Revision date:* 28-10-2015 *Version:* 2
- 1.3 Details of the supplier of the safety data sheet: **NOVOGRUP TECHNOLOGY 2008, S.L.**

Address: **NOVOGRUP TECHNOLOGY 2008, S.L.**
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- 1.4 *Emergency telephone number:* ++34 680 779 964

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to the Regulation (EC) No 1272/2008.

Skin corrosion/irritation, Hazard Category 2; H315
Serious eye damage/eye irritation, Hazard Category 2; H319
Sensitisation — Skin, Hazard Category 1; H317
Hazardous to the aquatic environment — long-term hazard, category chronic 3; H412.

2.2 Label elements



GHS07

Signal word: Warning

Contains: 4-tert-butylcyclohexyl acetate

Hazard Statements:

H315: Causes skin irritation.

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

Precautionary Statements:

P280: Wear protective gloves/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.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P501: Dispose of contents/container to an approved waste disposal plant.

Contains 4-tert-butylcyclohexyl acetate, (R)-p-mentha-1,8-diene, (E)-anethole, (ethoxymethoxy)cyclododecane, citral, α -methyl-1,3-benzodioxole-5-propionaldehyde, pinene, cineole, 1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one. May produce an allergic reaction.

2.3 Other hazards

Not available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Concentration range of the constituent (% weight/weight)	CE Number / Registration Number	CAS	Chemical name	Hazard Class and Category Code; Hazard statement codes
$\geq 10\%$ and $< 25\%$	252-104-2 01- 2119450011- 60	34590-94-8	(2-methoxymethylethoxy)propanol	- [2]
$\geq 5\%$ and $< 10\%$	201-134-4	78-70-6	linalool	Skin Irrit. 2;H315- Eye Irrit. 2;H319 [1]
$\geq 1\%$ and $< 5\%$	204-116-4	115-95-7	linalyl acetate	Skin Irrit. 2;H315- Eye Irrit. 2;H319 [1]
$\geq 1\%$ and $< 5\%$	250-954-9 01- 2119976286- 24	32210-23-4	4-tert-butylcyclohexyl acetate	Skin Sens. 1;H317 [1]
$\geq 1\%$ and $< 5\%$	242-362-4	18479-58-8	2,6-dimethyloct-7-en-2-ol	Eye Irrit. 2;H319 [1]
$\geq 1\%$ and $< 5\%$	200-945-0	76-22-2	borman-2-one	Flam. Sol. 2;H228- Acute Tox. 4;H302- Acute Tox. 4;H332- STOT SE 2;H371 [1]
$\geq 1\%$ and $< 5\%$	201-828-7	88-41-5	2-tert-butylcyclohexyl acetate	Aquatic Chronic 2;H411 [1]
$\geq 1\%$ and $< 5\%$	260-252-4	56539-66-3	3-methoxy-3-methylbutan-1-ol	Eye Irrit. 2;H319 [1]
$\geq 0,1\%$ and $< 1\%$	500-213-3	68439-50-9	Alcohols, C12-14, ethoxylated	Eye Dam. 1;H318- Aquatic Acute 1;H400 [1]
$\geq 0,1\%$ and $< 1\%$	227-813-5	5989-27-5	(R)-p-mentha-1,8-diene	Flam. Liq. 3;H226- Skin Irrit. 2;H315- Skin Sens. 1;H317- Asp. Tox. 1;H304- Aquatic Acute 1;H400- Aquatic Chronic 1;H410 [1]
$\geq 0,1\%$ and $< 1\%$	224-052-0	4180-23-8	(E)-anethole	Skin Sens. 1;H317 [1]
$\geq 0,1\%$ and $< 1\%$	261-332-1	58567-11-6	(ethoxymethoxy)cyclododecane	Skin Irrit. 2;H315- Skin

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Concentration range of the constituent (% weight/weight)	CE Number / Registration Number	CAS	Chemical name	Hazard Class and Category Code; Hazard statement codes
				Sens. 1;H317- Aquatic Chronic 2;H411 ^[1]
≥0,1% and <1%	226-394-6	5392-40-5	citral	Skin Irrit. 2;H315- Eye Irrit. 2;H319- Skin Sens. 1;H317 ^[1]
≥0,1% and <1%	214-881-6	1205-17-0	α-methyl-1,3-benzodioxole-5-propionaldehyde	Skin Sens. 1;H317- Aquatic Chronic 2;H411 ^[1]
≥0,1% and <1%	261-543-9	58985-18-5	p-menthan-8-yl acetate	Aquatic Chronic 2;H411 ^[1]
≥0,1% and <1%	215-533-6	1330-16-1	Pinene	Flam. Liq. 3;H226- Skin Irrit. 2;H315- Skin Sens. 1;H317- Asp. Tox. 1;H304 ^[1]
≥0,1% and <1%	207-431-5	470-82-6	cineole	Flam. Liq. 3;H226- Skin Sens. 1;H317 ^[1]
≥0,1% and <1%	233-221-8	10094-34-5	α,α-dimethylphenethyl butyrate	Aquatic Chronic 2;H411 ^[1]
≥0,1% and <1%	201-265-7	80-26-2	p-menth-1-en-8-yl acetate	Aquatic Chronic 2;H411 ^[1]
<0,1%	260-709-8	57378-68-4	1-(2,6,6-trimethyl-3-cyclohexen-1-yl)-2-buten-1-one	Acute Tox. 4;H302- Skin Irrit. 2;H315- Skin Sens. 1A;H317- Aquatic Acute 1;H400- Aquatic Chronic 1;H410 ^[1]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a Community workplace exposure limit.

See section 16 for the full text of the Hazard statement codes declared above.

SECTION 4: First aid measures

4.1 Description of first aid measures

Consumption:	If swallowed, rinse mouth with water. Seek medical advice immediately and show this container or label. Do NOT induce vomiting.
Eye contact:	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Inhalation:	Remove person to fresh air and keep at rest.
Skin contact:	Remove contaminated clothes. Rinse skin with plenty of water or shower. Refer for medical attention.

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

May produce an allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed

Not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media: Carbon dioxide, dry chemical powder or appropriate foam.

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For safety reasons do not use full water jet.

5.2 Special hazards arising from the substance or mixture: Not applicable.

5.3 Advice for firefighters:

In case of fire in the surrounding area, follow the recommendations below:

- 1-Closed containers may build up pressure at elevated temperatures.
- 2-Avoid inhalation of fumes or vapours. Use appropriate respiratory protection.
- 3-Prevent run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

- Wear appropriate gloves to prevent skin exposure.
- Avoid contact with skin and inhalation of its vapours or smoke.
- Maintain adequate ventilation in the working area after spilling.

6.2 Environmental precautions:

Avoid contaminating the environment via the sewers or water sources.

6.3 Methods and material for containment and cleaning up:

- Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).
- Ventilate area and wash spill site after material pickup is complete.
- Dispose of in accordance with current laws and regulations.

6.4 Reference to other sections:

See also sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

- Keep away from food, drink and animal feedingstuffs. Do not smoke.
- Avoid contact with skin and eyes.
- Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities:

Keep the product in its original container well sealed, in a dry and ventilated area, away from potential sources of ignition and protected from light. Store in accordance with local/national regulations and follow the warnings on the label.

7.3 Specific end use(s):

Not available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits:

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Name of agent	Limit value - 8 hours	Limit value - Short term	Notation
bornan-2-one	13 mg/m ³	19 mg/m ³	-
(2-methoxymethylethoxy)propanol	308 mg/m ³		Skin, VLI
European Union			
Name of agent	Limit value - 8 hours	Limit value - Short term	Notation
(2-methoxymethylethoxy)propanol	308 mg/m ³		Skin

8.2 Exposure controls

Personal protection equipment:	Use personal protection equipment according to Directive 89/686/EEC.
Engineering Controls-Ventilation:	The areas where the product is handled and stored should be adequately ventilated.
Respiratory Protection:	Use personal breathing apparatus whenever deemed necessary.
Skin Protection:	Avoid contact with skin. Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.
Eye/Face protection:	Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Flash Point:	89,5 °C
Additional information:	Not applicable.

SECTION 10: Stability and reactivity

10.1 Reactivity:	Not available.
10.2 Chemical stability:	Stable under normal operating conditions.
10.3 Possibility of hazardous reactions:	
Hazardous Polymerization:	It does not undergo any dangerous reactions under normal conditions.
10.4 Conditions to avoid:	Heat, flames and other sources of ignition. No special precautions other than good housekeeping of chemicals.
10.5 Incompatible materials:	Acids, Caustics, Strong Reducing Agents, Isocyanates, Nitrides, Organic Peroxides and Hydroperoxides, Epoxides
10.6 Hazardous decomposition products:	Carbon monoxide and other unidentified organic compounds may be formed upon combustion.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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Toxicological effects: See also sections 2 and 3.
No toxicological information is available on the product itself.

SECTION 12: Ecological information

12.1 Acute aquatic toxicity:	Not determined
12.2 Persistence and degradability:	Not available.
12.3 Bioconcentration Factor:	Not determined
12.4 Mobility in soil:	Not available.
12.5 Results of PBT and vPvB assessment:	Not determined
12.6 Other adverse effects:	Do not allow the material to enter streams, sewers or other waterways.

SECTION 13: Disposal considerations

13.1 Waste treatment methods	
Container disposal:	Containers must be disposed of as hazardous waste. Do not reuse empty containers. Dilute the remaining material and neutralise. Empty residue into a suitable disposal site.
Disposal conditions:	Dispose of in accordance with all state and local environmental regulations. This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

International Carriage of Dangerous Goods by Road (ADR)

UN No.:	N/A
Proper Shipping Name:	Not subject to ADR.
Packing Group:	-
Class:	-
Tunnel restriction code:	-
Label:	-

Sea Transport (IMDG)

UN No.:	N/A
Proper Shipping Name:	Not restricted.
Packing Group:	-
Class:	-
Marine Pollutant:	No
Label:	

{Air Transport (ICAO/IATA)

UN No.:	N/A
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Proper Shipping Name:	Not restricted.
Packing Group:	-
Class:	-
Label:	

SECTION 15: Regulatory information

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

Substances are either included in EINECS, ELINCS, NLP inventories or exempt.

15.2 Chemical safety assessment:

Not available.

SECTION 16: Other information

Text of hazard statement codes in section 3:

H226:	Flammable liquid and vapour.
H228:	Flammable solid.
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.
H332:	Harmful if inhaled.
H371:	May cause damage to organs
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.

This material should only be used for industrial purposes.

Key literature references and sources for data:

1. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
2. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
3. Occupational Exposure Limits by the INSHT (Spanish National Institute of Safety and Hygiene at Work).

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Revision date: 28-10-2015

Version: 2

Reason for Change: Regulation (EU) No. 1907/2006 compliance.