



SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) and 453/2010]

Date of issue: 14.05.2014

Version: 1.0/EN

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

1.1 Product identifier

Trade name: SENSO LUXURY-BLACK NIGHT

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

Relevant identified uses: air freshener.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: Dr. MARCUS International Sp. z o.o. Sp. k.

Address: Aleja Wojska Polskiego 2C, 62-800 Kalisz, Poland

Telephone/Fax number: + 48 62 760 07 00 / +48 62 760 07 59

E-mail address for a competent person responsible for SDS: biuro@theta-doradztwo.pl

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to 1999/45/EC

Xi R36, R43, R52/53

Irritating to eyes. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification according to 1272/2008/EC

Eye Irrit. 2 H319, Skin Sens. 1 H317, Aquatic Chronic 3 H412

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

2.2 Label elements

Hazard symbols and signal words



WARNING

Product identifier

Contains: 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one; α -hexylcinnamaldehyde; coumarin; benzyl salicylate; lyral.

Hazard statements

H319 Irritating to eyes.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.



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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.

2.3 Other hazards

The components do not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. Suitable tests were not conducted.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

CAS: 56539-66-3 EINECS: 260-252-4 Index number: — REACH number: —	<u>3-methoxy-3-methylbutan-1-ol</u> Classification acc. to 67/548/EWG: Xi R36 Classification acc. to 1272/2008/WE: Eye Irrit. 2 H319	45-70%
CAS: — EINECS: 920-901-0 Index number: — REACH number: —	<u>hydrocarbons, C11-C13, isoalkanes</u> Classification acc. to 67/548/EWG: Xn R65, R66 Classification acc. to 1272/2008/WE: Asp. Tox. 1 H304, EUH066	≤ 8%
CAS: 54464-57-2 EINECS: 259-174-3 Index number: — REACH number: —	<u>1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one</u> Classification acc. to 67/548/EWG: R43, N R51/53 Classification acc. to 1272/2008/WE: Skin Sens. 1 H317, Aquatic Chronic 2 H411	≤ 2%
CAS: 88-41-5 EINECS: 201-828-7 Index number: — REACH number: —	<u>o-tert-butyl cyclohexylacetale</u> Classification acc. to 67/548/EWG: N R51/53 Classification acc. to 1272/2008/WE: Aquatic Chronic 2 H411	≤ 2%
CAS: 87-20-7 EINECS: 201-730-4 Index number: — REACH number: —	<u>isopentyl salicylate</u> Classification acc. to 67/548/EWG: N R51/53 Classification acc. to 1272/2008/WE: Aquatic Chronic 2 H411	≤ 2%
CAS: 115-95-7 EINECS: 204-116-4 Index number: — REACH number: —	<u>linalyl acetate</u> Classification acc. to 67/548/EWG: N R51/53 Classification acc. to 1272/2008/WE: Aquatic Chronic 2 H411	≤ 2%
CAS: 18479-58-8 EINECS: 242-362-4 Index number: — REACH number: —	<u>2,6-dimethyloct-7-en-2-ol</u> Classification acc. to 67/548/EWG: Xi R38 Classification acc. to 1272/2008/WE: Skin Irrit. 2 H315	≤ 2%
CAS: 78-70-6 EINECS: 201-134-4 Index number: — REACH number: —	<u>linalool</u> Classification acc. to 67/548/EWG: Xi R38 Classification acc. to 1272/2008/WE: Skin Irrit. 2 H315	≤ 2%
CAS: 77-53-2 EINECS: 201-035-6 Index number: — REACH number: —	<u>cedrol</u> Classification acc. to 67/548/EWG: N R51/53 Classification acc. to 1272/2008/WE: Aquatic Chronic 2 H411	≤ 2%



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CAS: 58567-11-6 EINECS: 261-332-1 Index number: — REACH number: —	<u>(ethoxymethoxy)cyclododecane</u> Classification acc. to 67/548/EWG: Xi R38, R52/53 Classification acc. to 1272/2008/WE: Skin Irrit. 2 H315, Aquatic Chronic 3 H412	≤ 2%
CAS: 101-86-0 EINECS: 202-983-3 Index number: — REACH number: —	<u>α-hexylcinnamaldehyde</u> Classification acc. to 67/548/EWG: R43, N R50/53 Classification acc. to 1272/2008/WE: Skin Sens. 1 H317, Aquatic Acute 1 H400, Aquatic Chronic 1 H410	≤ 2%
CAS: 91-64-5 EINECS: 202-086-7 Index number: — REACH number: —	<u>coumarin</u> Classification acc. to 67/548/EWG: Xn R22; R43 Classification acc. to 1272/2008/WE: Acute Tox. 4 H302; Skin Sens. 1 H317; STOT RE 2 H373	≤ 2%
CAS: 118-58-1 EINECS: 204-262-9 Index number: — REACH number: —	<u>benzyl salicylate</u> Classification acc. to 67/548/EWG: R43; N R51/53 Classification acc. to 1272/2008/WE: Skin Sens. 1 H317, Aquatic Chronic 2 H411	≤ 2%
CAS: 469-61-4 EINECS: 207-418-4 Index number: — REACH number: —	<u>alpha-cedrene</u> Classification acc. to 67/548/EWG: Xn R65, N R50/53 Classification acc. to 1272/2008/WE: : Asp. Tox. 1 H304, Aquatic Chronic 1 H410, Aquatic Acute 1 H400	≤ 2%
CAS: 31906-04-4 EINECS: 250-863-4 Index number: — REACH number: —	<u>lyral</u> Classification acc. to 67/548/EWG: Xn R65, N R50/53 Classification acc. to 1272/2008/WE: : Asp. Tox. 1 H304, Aquatic Chronic 1 H410, Aquatic Acute 1 H400	≤ 2%

¹⁾ Substance with Community workplace exposure limits.

Full text of each relevant R and H phrase is given in section 16 of sds.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: consult a doctor if disturbing symptoms appear. Take off all contaminated clothing. Wash the contaminated skin thoroughly with plenty of water with soap.

Eye contact: consult a doctor if disturbing symptoms appear. Protect the non-irritated eye, remove contact lenses. Wash the contaminated eye with plenty of water for 10-15 minutes. Avoid powerful water stream – risk of cornea damage.

Ingestion: consult a doctor, show the container or label. Rinse mouth with water; give plenty of water to drink. Never give anything by mouth to an unconscious person.

Inhalation: consult a doctor if disturbing symptoms appear. Move the victim to fresh air. Keep victim warm and calm.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: in susceptible individuals may occur: redness, skin dryness, itch, rash or other allergic reactions.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomach pain, nausea.

Inhalation: high concentration of vapours can cause headaches and dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.



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Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: adapt the extinguishing media to surrounding materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce toxic fumes of carbon oxides. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire, cool endangered containers with water spray from a safe distance.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of large spills, isolate the exposed area. Use personal protective measures. Avoid skin and eyes contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Spillages collect with incombustible liquid absorbing materials (e.g. soil, sand, silica, universal binding agent). Treat the collected material as waste. Clean the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protective equipment – see section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Avoid contact with skin and eyes. Before break and after work wash hands. Unused containers keep tightly closed. Use only in accordance with the identified purpose. Ensure adequate ventilation of area, where the product is used. Do not breathe vapours.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers. Keep away from food, beverages or feed for animals. Avoid direct exposure to sunlight.

7.3 Specific end use(s)

Air freshener.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place in Community.

Please check also any national occupational exposure limit values in your country.



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8.2. Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when using the product. Before break and after work wash hands carefully. Ensure adequate general ventilation in a workplace. Safety showers and eyewashes should be installed in the vicinity of a workplace.

Hand and body protection

In case of a prolonged or repeated exposure, use protective gloves.



The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed.

Eyes protection

In case of a risk of eye contamination, use protective glasses.

Respiratory protection

Not required.

Applied personal protective equipment must comply with the requirements of the Directive 89/686/EC. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow large quantities of the product to contaminate ground water, canalization, sewages or soil.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid
colour:	black
odour:	characteristic, pleasant
odour threshold:	not determined
pH:	not determined
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	> 60°C
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	not determined
solubility(ies):	not soluble in water, creates a suspension
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not determined
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional test results.



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Section 10: Stability and reactivity

10.1 Reactivity

Reactive product, it does not undergo dangerous polymerization.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid heat sources and direct exposure to sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Information regarding acute and/or delayed results of the exposure was defined on the basis of the information on product's classification and/or toxicological studies as well as the experience and knowledge of the manufacturer.

Components toxicity

3-methoxy-3-methylbutan-1-ol

DL₅₀ (oral, rat): 4 300 mg/kg

DL₅₀ (skin, rabbit): > 2 000 mg/kg

Mixture toxicity

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Irritating to eyes.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.



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Section 12: Ecological information

12.1 Toxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2 Persistence and degradability

3-methoxy-3-methylbutan-1-ol is biodegradable.

12.3 Bioaccumulative potential

No data.

12.4 Mobility in soil

Product is not mobile in soil. Low mobility in aquatic environment.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

The mixture is not classified as hazardous for the ozone layer. Other harmful effects of particular components of the mixture on the environment (e.g.: endocrine disrupting, the impact on the global warming).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Small quantities can be removed with municipal waste. Store residues in original containers. Recycle, if possible. Waste code should be given in the manufacturing place.

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the legislation in force. Only containers completely empty can be recycled. Disposable packaging should be utilized.

Legal basis: Directive 2008/98/EC, 94/62/EC.

Section 14: Transport information

14.1 UN number

Not applicable, product is not classified as dangerous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

None.

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

Not applicable.



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Section 15: Regulatory information

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization 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 as amended.

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 as amended.

Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste.

15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for mixture.

Section 16: Other information

Full text of indicated R and H phrases mentioned in section 3

R22	Harmful if swallowed.
R36	Irritating to eyes and respiratory system.
R38	Irritating to skin.
R43	May cause sensitization 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.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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.
EUH066	Repeated exposure may cause skin dryness or cracking.



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Clarification of aberrations and acronyms

Skin Irrit. 2	Skin irritation category 2.
Eye Irrit. 2	Serious eye damage category 2
Acute Tox. 4	Acute Toxicity category 4
Aquatic Chronic 1,2,3	Hazardous to the aquatic environment category 1,2,3
Aquatic Acute 1	Hazardous to the aquatic environment category 1
Flam. Liq. 3	Flammable liquid category 3
Skin Sens. 1	Skin sensitization category 1
STOT SE 3	Specific target organ toxicity — single exposure category 3
Asp. Tox. 1	Aspiration hazard category 1
TWA	Time Weighted Average.
STEL	Short Term Exposure Limit.
DNEL	Derived No-Effect Level
PNEC	Predicted No-Effect Concentration
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Other data

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Composed by:	mgr Monika Gotowalska (on the basis of producer's data).
Safety Data Sheet made by:	„THETA” Doradztwo Techniczne

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.