

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) and Regulation (EU) No 2020/878

ORANGE COLOR FOR CANDLES

1. Identification of the substance/mixture and company

Trade name: Color for candles
General use: Raw material for candles, coloration of waxes, oils and fats
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.elemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Signal word ---

Nature of Hazard ---

Hazard statements no hazard labelling required

Safety precautions ---

Hazard components for labelling

Special provisions concerning the labelling of certain mixtures

2.3 Other hazards

3. Declaration of ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Mixture of waxes, colouring agents and additives

Hazardous ingredients

This product does not contain any ingredients classified as hazardous according to EU Regulation 1272/2008 above the consideration limits and no substances with workplace exposure limits in the European Community.

4. First aid measures

4.1 Description of first aid measures

General information If you feel unwell, seek medical advice.

In case of inhalation Move victim to fresh air. Seek medical aid in case of troubles.

In case of skin contact Thoroughly wash skin with soap and water.

After eye contact Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding

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eyelids apart. Seek medical attention if irritation persists.

After swallowing Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Seek medical treatment in case of troubles.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No data available

4.3 Indication of any immediate medical attention and special treatment needed

Information to physician No data available

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide, water spray jet, extinguishing powder, foam.

Extinguishing media which must not be used for safety reasons: Full water jet

5.2 Special hazards arising from the substance or mixture

Possible combustion products Nitrogen oxides (NOx), carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Special protective equipment for firefighters Wear self-contained breathing apparatus.

Additional information Do not allow water used to extinguish fire to enter drains, ground or waterways.

Do not allow fire water to penetrate into surface or ground water. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Do not breathe dust. With the formation of dust, use a dust mask. Keep away from sources of ignition - No smoking. Avoid contact with skin, eyes, and clothing.

6.2 environmental precautions

Do not allow to enter into ground-water, surface water or drains. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Take up spilled product with dustpan and brush. Avoid causing any dust. Industrial vacuum cleaner recommended to avoid causing dust. Clean soiled areas with a conventional household cleaner.

6.4 Reference to other sections

Personal protection equipment: see section 8, Disposal: see section 13

7. Handling and storage

7.1 Precautions for safe handling

Advices on safe handling Avoid contact with eyes and skin. When using do not eat, drink, smoke, sniff.

Make sure there is sufficient air exchange and / or that working rooms are air suctioned. Avoid dust formation.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms Keep away from sources of ignition and heat. Store in a cool dry place. Store in and containers a well-ventilated place. Keep container tightly closed. Protect from direct sunlight.

Storage class 11

7.3 Specific end use(s)

General use Coloration of waxes, oils and fats

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8. Exposure controls / personal protection

8.1 Control parameters

8.2 Exposure controls

Respiratory protection With correct and proper use, and under normal conditions, breathing protection is not required. Provide good ventilation and/or an exhaust system in the work area. Wear a dust mask, in case of excessive dust.

Hand protection Wear suitable gloves.- according to DIN-/EN-Norms EN 420, EN 388 and EN 374 Part 1,3

Eye protection Goggles according to EN 166.

Body protection Wear suitable protective clothing and shoes.

General protection and hygiene Keep away from food and drinks. When using do not eat, drink or smoke. Wash measures hands before breaks and after work. Wash contaminated clothing prior to re-use.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form solid

Colour orange

Odour characteristic

Important health, safety and environmental information

Melting point/freezing point > 60 °C

Initial boiling point and boiling range > 130 °C

Flammability ---

Explosion limits ---

Flash point/flash point range > 150 °C

Ignition temperature --- ---

pH not applicable

Viscosity 0 mPa.s 0 mPa.s --- ---

Solubility --- --- ---

Partition coefficient: --- ---

Vapour pressure --- --- ---

Density and/or relative density --- --- ---

Relative vapour density --- --- ---

Bulk density --- --- ---

Flow time 4mm (DIN) ---

Water solubility: insoluble

9.2 Other information

NA

10. Stability and reactivity

10.1 Reactivity Non-reactive

10.2 Chemical stability Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions No data available

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10.4 Conditions to avoid Avoid dust formation. Avoid dust deposits. Keep away from sources of ignition. No smoking. Take precautionary measures against static discharges.

10.5 Incompatible materials strong acids and bases, strong oxidizing agents

10.6 Hazardous decomposition products Hazardous vapours may form during fires. In case of fire may be liberated: Nitrogen oxides (NO_x), carbon monoxide and carbon dioxide

11. Toxicological information

11.1 Information on toxicological effects

General remarks

No toxicological tests were conducted with the mixture

11.2 Information on other hazards

Endocrine disrupting properties No data available

Further details No data available

12. Ecological information

12.1 Toxicity

Aquatic toxicity No data available

12.2 Persistence and degradability

Evaluation text No data available

Degree of elimination No data available

Analytical method 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 Endocrine disrupting properties

No data available

12.7 Other adverse effects

The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

13. Disposal considerations

13.1 Waste treatment methods

Product

Recommendation Dispose of waste according to applicable legislation. Discharge into the environment must be avoided.

Package

Recommendation Dispose of waste according to applicable legislation. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

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14. Transport information

14.1 UN number

ADR, IATA, IMDG UNnot regulated

14.2 UN proper shipping name

Product designation: ADR/RID ---

Proper shipping name: IATA-DGR ---

Proper shipping name: IMDG ---

14.3 Transport hazard class(es)

Class ADR/RID ---

Classification code ---

ADR/RID

Class IATA-DGR ---

Subrisk IATA-DGR ---

Class IMDG ---

Subrisk IMDG ---

14.4 Packing group

ADR, IATA, IMDG No packaging for dangerous goods required

14.5 Environmental hazards

Marine Pollutant - IMDG ---

EmS ---

Stowage and segregation ---

14.6 Special precautions for user

14.7 Maritime transport in bulk according to IMO instruments

Additional information

EQ ---

Limited quantities ---

Special Provisions ---

Tunnel restriction ---

Transport category ---

Kemmler-number ---

No dangerous good in sense of these transport regulations

15. Regulatory information

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

National regulations

Europe

Germany

Storage class 11

Water Hazard Class 1 schwach wassergefährdend

Major Accident Ordinance (12. ---

BImSchV)

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Information on working limitations No special measures are required.

15.2 Chemical Safety Assessment

Chemical Safety Assessment No substance safety evaluation was conducted with the mixture/ substance.

16. Additional information

Hazard statements (CLP)

no hazard labelling required

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regula-tion (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergen-cy Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La-boratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-tional Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - Interna-tional Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Ef-fect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic sub-stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quanti-tative) Structure Activity Relationship; PNEC: Predicted No Effect Concentration; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Re-striction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

DECLARATION OF ALLERGENS

Fragrance ingredients restricted as potential allergens in fragrance oil according to EU provision 1223/2009

Component name	CAS No.	Total max %
Benzyl alcohol	100-51-6	-

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Amylcinnamyl alcohol	101-85-9	-
Hexyl cinnamal	101-86-0	-
Benzyl cinnamate	103-41-3	-
Cinnamyl alcohol	104-54-1	-
Cinnamal	104-55-2	-
Anise alcohol	105-13-5	-
Citronellol	106-22-9	-
Geraniol	106-24-1	-
Hydroxycitronellal	107-75-5	-
Methyl 2-octynoate	111-12-6	-
Benzyl salicylate	118-58-1	-
Benzyl benzoate	120-51-4	-
Amyl cinnamal	122-40-7	-
Alpha-isomethyl ionone	127-51-5	-
Hydroxyisohexyl 3-cyclohexene carboxaldehyde	31906-04-4	-
Farnesol	4602-84-0	-
Citral	5392-40-5	-
D-limonene	5989-27-5	-
Linalool	78-70-6	-
Butylphenyl methylpropional	80-54-6	-
Evernia furfuracea (treemoss) extract	90028-67-4	-
Evernia prunastri (oakmoss) extract	90028-68-5	-
Coumarin	91-64-5	-
Eugenol	97-53-0	-
Isoeugenol	97-54-1	-

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.