



Compilation Date:

Revision Date:

Revision No:

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY /UNDERTAKING

1.1. Product identifier:- 30271571 5054077683715 Elements Etched Filled Candle Grey

1.2.

1.3. ELEMENTS EFFCH013263(Contains:1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, Hydroxyisohexyl 3-cyclohexene carboxaldehyde, Linalool, hexyl 2-hydroxybenzoate)

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

1.3. Details of the supplier of the safety data sheet

Address: 9 Peerglow Estate
Marsh Lane, Ware
Hertfordshire
SG12 9QB
UK
Tel: + +44 (0) 1920 485 485
Fax: +44 (0)
Email:

1.4. Emergency telephone number (Out of Office Hours)

Tel: +44 (0) 7767 793666

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture (in accordance with Regulation (EC) No 1272/2008)

- Classification under CLP: Harmful to aquatic life with long lasting effects
- Keep out of reach of children

- Avoid release to the environment
- Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation
- Contains TETRAMETHYL ACETYLOCTAHYDRONAPHTHALENES. May produce an allergic reaction. Read label before use.

Most important adverse effects: Skin Corrosion / Irritation Category 2
 Sensitization - Skin Category 1
 Hazardous to the Aquatic Environment - Long-term Hazard Category 2
 H315, Causes skin irritation.
 H317, May cause an allergic skin reaction.
 H411, Toxic to aquatic life with long lasting effects

2.2 Label elements (in accordance with Regulation (EC) No. 1272/2008)

Pictogram(s):

Signal Word(s): Warning

Hazard Statement(s): H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H411, Toxic to aquatic life with long lasting effects.

Precautionary Statement(s): P261, Avoid breathing vapour or dust.

P264, Wash hands and other contacted skin thoroughly after handling.

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

P273, Avoid release to the environment.

P280, Wear protective gloves/eye protection/face protection.

P302/352, IF ON SKIN: Wash with plenty of soap and water.

P333/313, If skin irritation or rash occurs: Get medical advice/attention.

P362, Take off contaminated clothing and wash before reuse.

P391, Collect spillage.

P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

2.3 Other hazards None

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures

Name	CAS- No	EC No	Content %	Classification for CLP 1272/2008
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthaleny)ethanone	54464-57-2	259-174-3	15.30%	SCI 2-SS 1B-EH C1; H315-H317-H410,-
Linalool	78-70-6	201-134-4	2.70%	SCI 2-ED1 2-SS 1B; H315-H317-H319,-
Linalyl Acetate	115-95-7	204-116-4	1.80%	SCI 2-ED1 2;H315-

				H319,-
hexyl 2-hydroxybenzoate	6259-76-3	228-408-6	1.62%	SCI 2-SS 1-EH A1-EH C1;H315-H317-H410,-
3-(1,3-benzodioxol-5-yl)-2-methylpropanal	1205-17-0	214-881-6	1.08%	SS 1B-EH C2;H317-H411,-
[(2E)-3,7-dimethylocta-2,6-dienyl] acetate	105-87-3	203-341-5	0.81%	SCI 2-SS 1B-EH C3; H315-H317-H412,-
Citronellol	106-22-9, 7540-51-4	203-375-0	0.77%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-
Hydroxyisohexyl 3-cyclohexene carboxaldehyde	31906-04-4	250-863-4	0.50%	SS 1A;H317,-

The product identifier, the concentration or concentration ranges and the classifications shall be provided for at least all substances referred to in points 3.2.1 or 3.2.2 of (EC) No 1907/2006. Suppliers of mixtures may choose to list in addition all substances in the mixture, including substances not meeting the criteria for classification. This information shall allow easy identification of the hazards of substances within the mixture.

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye: Wear protective gloves/eye protection/face protection

Skin/Hair: Wash with plenty of soap and water

Ingestion: Avoid inhalation

Inhalation: Avoid contact with skin and eyes

4.2 Most important symptoms and effects, both acute and delayed

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

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

Use closed systems for transferring and processing this material.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Carbon dioxide, Dry chemical, Foam.

Unsuitable extinguishing media: In case of insufficient ventilation, wear suitable respiratory equipment

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon monoxide, Unidentified organic compounds

5.3 Advice for fire-fighters

Additional information: In case of fire, may be liberated

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures

For non-emergency personnel: Avoid inhalation.

For emergency responders: Avoid contact with skin and eyes

6.2 Environmental Precautions:-Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and clearing up : Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations

6.4 References to Other Sections: Also refer to sections 8 and 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product

7.2 Conditions for safe storage, including any incompatibilities : Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge

7.3 Specific end use(s) Use in accordance with good manufacturing and industrial hygiene practices

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters: Butylated hydroxytoluene 128-37-0 204-881-4 UK WEL Long term mgm3 10 mg/m³

Diethyl Phthalate 84-66-2 201-550-6

Long-term exposure limit (8-hour
TWA) (mg/m³) 5

Short-term exposure limit (15-
minute) (mg/m³) 10

Ingredient CAS EC Description Value

8.2

8.2 Exposure Controls Ensure adequate and ongoing ventilation is maintained in order to prevent build up of excessive vapour and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapour cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Not determined

Odour: Characteristic

Odour threshold: Not determined

pH: Not determined

Melting point/freezing point: Not determined

Initial boiling point and boiling range: Not determined

Flash point: > 62 °C

Evaporation rate: Not determined

Flammability (solid, gas): Not determined

Upper/lower flammability or explosive limits: Product does not present an explosion hazard

Vapour pressure: Not determined

Vapour density: Not determined

Relative density: Not determined

Solubility(ies): Not determined

Partition coefficient: n-octanol/water: Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: Not determined

Explosive properties: Not expected

Oxidising properties: Not expected

9.2. Other information

None available

10. STABILITY AND REACTIVITY

10.1. Reactivity Presents no significant reactivity hazard, by itself or in contact with water

10.2. Chemical stability: Good stability under normal storage conditions.

10.3. Possibility of hazardous reactions Not expected under normal conditions of use

10.4. Conditions to avoid Avoid extreme heat.

10.5. Incompatible materials Avoid contact with strong acids, alkalis or oxidising agents.

10.6. Hazardous decomposition Not expected.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

General information: This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Inhalation: Avoid contact with strong acids, alkalis or oxidising agents

Ingestion:

Skin contact: Avoid contact with skin and eyes

Eye contact: Avoid contact with skin and eyes

12. ECOLOGICAL INFORMATION

12.1 Toxicity Toxic to aquatic life with long lasting effects

12.2 Persistence and degradability Not available

12.3 Bio-accumulative potential Not available

12.4 Mobility in soil Not available

12.5 Results of PBT and vPvB assessment This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in accordance to local regulations. Avoid disposing into drainage systems and into the environment.

14. TRANSPORT INFORMATION

Road Transport Notes: UN3082

Rail Transport Notes:

Sea Transport Notes:

Air Transport Notes:

14.1. UN number UN3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone, hexyl 2-hydroxybenzoate)

14.3. Transport hazard class(es) 9

14.4. Packing group III

14.5. Environmental hazards This is an environmentally hazardous substance.

14.6. Special precautions for user None additional

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture None additional

15.2. Chemical Safety Assessment A Chemical Safety Assessment has not been carried out for this product.

16. OTHER INFORMATION

Version 1 Date:

P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical, ventilating and lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing vapour or dust.
P264 Wash hands and other contacted skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/eye protection/face protection.
P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302/352 IF ON SKIN: Wash with plenty of soap and water.
P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338 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.
P331 Do not induce vomiting.
P332/313 If skin irritation occurs: Get medical advice/attention.
P333/313 If skin irritation or rash occurs: Get medical advice/attention.
P337/313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P370/378 In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391 Collect spillage.
P403/235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2 Skin Corrosion / Irritation Category 2
SS 1 Sensitization - Skin Category 1
SS 1A Sensitization - Skin Category 1A
SS 1B Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

European