

SAFETY DATA SHEET

According to 1907/2006 (REACH), 2015/830/EC

TESCO - Christmas Tin Filled Candle - Golden Amber

Printing date: 04.06.2018

Revision:

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

1.1. Product identifier

Product name: Candle

TESCO - Christmas Tin Filled Candle - Golden Amber

Type: ZNE0112189AB

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

Professional application: Candle

Uses advised against: other than those mentioned above.

1.3. Details of the supplier of the safety data sheet

Distributor:
Tesco Stores Ltd.,
Welwyn Garden City
AL7 1GA, U.K.

1.4. Emergency number

United Kingdom
National Poisons Information Service (Npis)
Tel: +44 844 8920111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Aquatic Chronic 3

H412 Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Pictograms: ---

Signal word: ---

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

Prevention

Response

Storage

Removal

Additional information:

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EUH208 Contains tetramethyl acetyloctahydronaphthalenes. May produce an allergic reaction.**2.3. Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

Name of substance	Identifier	Classification 1272/2008		% weig.
Paraffin wax, petroleum hvdretreated	Indeks --- CAS 64742-51-4 EC: 265-154-5 REACH:01- 2119480133-46-XXXX	---	---	93-98
Fragrance (AR558419)	Indeks --- CAS EC: Nr rej. REACH: ---	Skin Sens. 1 Aquatic Chronic 2	H317 H411	1-4
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	Indeks --- CAS 54464-57-2 EC: 259-174-3 REACH: 01-2119638275-36-XXX	Skin Irrit. 2 Skin Sens. 1 Aquatic Chronic 1	H315 H317 H410	0.1-0.4
Pin-2(3)-ene	Indeks --- CAS 80-56-8 EC: 201-291-9	Flam. Liq. 3 Asp. Tox. 1 Skin Irrit. 2 Skin Sens. 1	H226 H304 H315 H317	<0.04
isopentyl acetate	Indeks --- CAS 123-92-2 EC: 204-662-3	Aquatic Chronic 3	H226	<0.004
Paraffin - Dye 4349-10 i 26-131	Indeks --- CAS 8002-74-2 EC: 232-315-6 REACH: 01-2119487943-22-XXXX, 01-2119480133-46-XXXX, 01-2119488076-30-XXXX, 01-2119913039-42-XXXX	---	---	<0.002
n-hexan	Indeks --- CAS 110-54-3 EC: 203-777-6 REACH: 01-2119480412-44-XXXX	Flam. Liq. 2 Asp. Tox. 1 Skin Irrit. 2 STOT SE 3 Repr. 2 STOT RE 2 Aquatic Chronic 2	H225 H304 H315 H336 H361 H373 H411	<0.004

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Pin-2(10)-ene	Indeks ---	Flam. Liq. 3	H226	<0.004
	CAS 127-91-3	Asp. Tox. 1	H304	
	EC: 204-872-5	Skin Irrit. 2	H315	
	REACH:	Skin Sens.1	H317	
	01-2119519230-54-XXX	Aquatic Acute 1	H400	
Ethanol		Aquatic Chronic 1	H410	<0.0004
	Indeks 603-002-00-5	Flam. Liq. 2	H225	
	CAS 64-17-5	Eye Irrit. 2	H319	
	EC: 200-578-6			
	REACH:			
	01-2119457610-43-XXXX			

The full meaning of the risk phrases H included in the chapter 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Contact immediately with doctor, if the state of the person is serious or if symptoms persist.

Place it in ventilated room.

Ingestion:

Rinse mouth with water. Do not induce vomiting without direct control of medical personnel. Give to drink 2-3 glasses of water. Contact doctor immediately if status of a person is serious or if symptoms persist.

Eye contact:

Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open to ensure that the entire surface is flushed. Seek medical advice.

Skin contact:

Immediately wash with water and soap and rinse thoroughly.

If irritation persists, seek medical attention.

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

No additional information available.

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

In the workplace should be available measures to help before medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Dry chemical, carbon dioxide, fire fighting foam, water spray or fog.

Small fires extinguish with dry chemical or carbon dioxide (CO₂) extinguisher.

5.2. Special hazards arising from the substance or mixture

Burning produces obnoxious and toxic fumes.

Explosive mixture:

Not applicable-non-explosive.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Special protective equipment for firefighters

Protective clothing against liquid and gaseous chemicals, including liquid aerosols and solid particles.

Self-contained breathing apparatus (SCBA).

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Wearing of suitable protective equipment.

Avoid contact with skin, eyes and clothes.

For emergency responders

Keep away from sources of ignition - No smoking.

Avoid contact with skin, eyes and clothing.

Do not breathe vapours.

6.2. Environmental precautions

Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Ban the use of open flames and remove all ignition sources.

Avoid penetration into drainage system.

6.3. Methods and material for containment and cleaning up

Absorb with binding material and vacuum or sweep up and place in properly labeled container for disposal.

Dispose of the material collected according to regulations.

Do not put the cast down material back into the original container, for re-use.

Ensure adequate ventilation.

Wash site discharge thoroughly with water.

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat. Keep away from sources of ignition.

Avoid contact with skin and eyes

Do not eat, drink or smoke when using this product.

Ensure good ventilation/exhaustion at the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

Store in well filled and tightly closed original containers, and protect from heat and light.

Avoid certain plastic and uncoated metal containers

Store in a cool, dry and ventilated area. Keep away from sources of ignition and naked flames.

Incompatible Materials:

None known that present a hazard.

7.3. Specific end use(s)

No applications other than those identified in Section 1

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

none

8.2. Exposure controls

Appropriate engineering controls:

Give adequate ventilation to the premises where the product is stored and/or handled.

Personal protective equipment:

Eye protection

Avoid contact. Wear safety glasses. Recommendation: The personal protective equipment should be selected based on the task to be performed.

Hand protection:

The selected protective gloves have to meet the requirements of EN 374

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Avoid contact. Use suitable protective clothing as needed.

Respiratory protection

Not needed for normal use

Protective and hygiene measures:

Do not breathe vapor / spray.

Eye wash or provide eyewash in the workspace.

Wash hands before breaks and at end of work. Do not eat, drink or smoke at work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Solid
Odour:	Characteristic
Odor threshold:	Not available
Colour:	White.
pH-value:	No data available.
Melting / Freezing Point:	58°C-60°C
Initial boiling point and boiling range:	341°C-665°C
Flash point:	317°C
Ignition temperature:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper / lower flammability or upper / lower explosion limit:	No data available
Vapour pressure:	No data available
Vapor density (air=1):	No data available
Relative density:	No data available
Solubility in water:	No data available
The solubility in organic solvents:	No data available
Partition coefficient (n-octanol/water):	Not applicable
Auto-ignition temperature:	No data
Decomposition temperature:	Not applicable
Viscosity:	No data
Explosive properties:	Non explosive
Oxidising properties:	No oxidizing properties

9.2. Other safety information

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Substances to avoid: None in particular.

10.2. Chemical stability

Under normal storage and use of the substance is chemically stable.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

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11.1. Information on toxicological effects

Acute toxicity

isopentyl acetate

Fish LC50 (96h) 14.304mg / l

Cancer EC50 48 5.3mg / l

Algae EC50 (96h) 1.150mg / L

Crustaceans EC50 (24h) = 114 mg / l

hexane

Hal LC50 (96h) 1.674mg / L

Algae EC50 (96h) 3.089mg / L

Crustaceans EC50 (48h) 3877.65mg / L

Algae and other aquatic plants EC50 (8H), 0.3 mg / l

Pin-2 (10)

Hal LC50 (96h) 0.445mg / L

Algae EC50 (96h) 0.563mg / L

Crustaceans EC50 (384h) 0.113mg / L

Pin-2 (3)

Hal LC50 (96h) 0.28mg / l

Algae EC50 96 0.663mg / L3

Cancer EC50 384 0.129mg / L

Crustaceans NOEC (96h) = 0.18 mg / l

ethanol

Hal LC50 (96h), 42 mg / l

Crustaceans EC50 (48 h), 2 mg / l

Algases EC50 (96h) 17.921mg / l

Hal NOEC 2016 0.000375mg / l

skin corrosion/irritation

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

serious eye damage/irritation

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

respiratory or skin sensitisation

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

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.

Local reaction:

Routes of exposure:

Inhalation, ingestion, skin contact, eye contact.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

isopentyl acetate

Fish LC50 (96h) 14.304mg / l

Cancer EC50 48 5.3mg / l

Algae EC50 (96h) 1.150mg / L

Crustaceans EC50 (24h) = 114 mg / l

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hexane
Hal LC50 (96h) 1.674mg / L
Algae EC50 (96h) 3.089mg / L
Crustaceans EC50 (48h) 3877.65mg / L
Algae and other aquatic plants EC50 (8H), 0.3 mg / l
Pin-2 (10)
Hal LC50 (96h) 0.445mg / L
Algae EC50 (96h) 0.563mg / L
Crustaceans EC50 (384h) 0.113mg / L
Pin-2 (3)
Hal LC50 (96h) 0.28mg / l
Algae EC50 96 0.663mg / L3
Cancer EC50 384 0.129mg / L
Crustaceans NOEC (96h) = 0.18 mg / l
ethanol
Hal LC50 (96h), 42 mg / l
Crustaceans EC50 (48 h), 2 mg / l
Algases EC50 (96h) 17.921mg / l
Hal NOEC 2016 0.000375mg / l

12.2. Persistence and degradability

Ethanol: LOW (half-life = 2.17 days) / LOW (half-life = 5.08 days)

12.3. Bioaccumulative potential

Pin-2 (3) -en (LogKOW = 4.44)
izopentil-acetát (LogKOW = 2,264)
N-hexán (LogKOW = 3.9)
Pin-2 (10) -en (LogKOW = 4.16)
Etanol (logKOW = -0.31)
Pin-2 (3) -and (KOC = 1204)

12.4. Mobility in soil

Oktan Ijopentilový (KOC = 32.24)
N-hexane (KOC = 149)
Pin-2 (10) -en (KOC = 1204)
Ethanol (KOC = 1)

12.5. Results of PBT and vPvB assessment

The substance does not fulfil the PBT criteria (not PBT) and not the vPvB criteria (not vPvB).

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product:

The product should be disposed of in accordance to local regulations.

Avoid disposing into drainage systems and into the environment.

The soiled packaging should be disposed of in the same way as the product

SECTION 14: Transport information

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

Label no.

Not applicable

Code:

Not applicable

14.4. Packing group

Not applicable

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14.5. Environmental hazards

No

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

- Regulation (EC) No 1272/2008 (CLP) 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 (REACH).
- REGULATION (EC) No 1907/2006 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.
- COMMISSION REGULATION (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment

No data

SECTION 16: Other information

The importance of risk phrases in Section 3:

H224 Extremely flammable liquid and vapour.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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.

Abbreviations and Acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

PP: Severe Marine Pollutant

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

Note to readers

The information in this SDS is based on our current knowledge and the current legislation.

The product shall not, without first obtaining written Instructions for purposes other than those mentioned in Section 1 purpose be used. It is always the user's responsibility to ensure compliance with statutory Provisions to ensure.

The information in this Safety Data Sheet describing the safety requirements for our product.