



MATERIAL SAFETY DATA SHEET

Section 1 Product Identification

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| 1.1 | Product Name JAR EARL GREY |
| 1.2 | Chemical Name |
| 1.3 | Article number and barcode 30216807 |
| 1.4 | 5010414370878 |
| 1.5 | Product use: Scented candle |
| 1.6 | Supplier's |
| 1.7 | Supplier's Address |
| 1.8 | Emergency Phone SER SPA +39 (0) 119455511 |
| 1.9 | Other |

Section 2 Hazard Identification

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|--|--|------------|------------|-----------|
| 2.1 | Hazard Identification: HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS | | | |
| 2.2 | Routes of entry | Inhalation | Absorption | Ingestion |
| 2.3 | Effects of exposure. MAY PRODUCE AN ALLERGIC REACTION Ingestion: Eyes: Skin: Inhalation: | | | |
| 2.4 | Symptoms of Over exposure Ingestion: Eyes: Skin: Inhalation: | | | |
| 2.5 | Acute Health Effects Ingestion: Eyes: Skin: Inhalation: | | | |
| 2.6 | Chronic Health Effects | | | |
| 2.7 | Target organs | | | |
| 2.8 | Toxicological Properties | | | |
| NA= Not Available ND= Not Determined NE= Not Established NF = Not Found C= Ceiling Limit | | | | |



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Section 3 Composition & Ingredient Information

| Chemical Name(s) | CAS No. | RTECs No. | EINECS No. | % | Exposure Limits in Air (mg/m ²) | | | | | | | | |
|--------------------------------|-----------------------------------|-----------|------------|---------|---|------|--------|---------|---------|------|------|------|-------|
| | | | | | ACGIH | | NOHSC | | | OSHA | | | Other |
| | | | | | ppm | | ppm | | | ppm | | | |
| | | | | | TLV | STEL | ES-TWA | ES-STEL | ES-PEAK | TLV | STEL | IDLH | |
| 4-tert-Butylcyclohexyl acetate | 3,7-DIMETHYLOCTADIEN-3-YL ACETATE | | | 0.3-0.4 | | | | | | | | | |
| LIMONENE | 5989-27-5-227-813-5 | | | 0.3-0.4 | | | | | | | | | |
| Geraniol | LINALOOL | | | 0.2-0.1 | | | | | | | | | |

Section 4 First Aid Measures

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| 4.1 | <p>First Aid:</p> <p>Ingestion: If symptoms persist, call a physician</p> <p>Eyes: Rinse with plenty of water. Get medical attention if irritation develops and persists</p> <p>Skin: Cool rapidly with cold water after contact with molten material. Get medical attention if irritation develops and persists.</p> <p>Inhalation: No special requirements</p> |
| 4.2 | Medical Conditions aggravated by exposure: |

5. Firefighting Measures

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|-----|---|-----------------------------|--|-----------------------------|
| 5.1 | Flashpoint & method: ≥ 135 C Method: ASTM D 93 | | | |
| 5.2 | Auto-ignition Temperature: not auto flammable | | | |
| 5.3 | Flammability limits | Lower explosive limit (LEL) | | Upper explosive limit (UEL) |

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| 5.4 | Extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment |
| 5.5 | Firefighting Procedures: in the event of fire, wear self-contained breathing apparatus. Wear suitable protective clothing and gloves |
| Additional information: Fight fire with normal precautions from a reasonable distance | |

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Section 6. Accidental release measures

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| 6.1 | Spills: Clean residue from spill site, sweep up and shovel into suitable containers for disposal |
| 6.2 | Any other forms of release: |

Section 7. Handling & storage information

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| 7.1 | Work & Hygiene practices: |
| 7.2 | Storage & handling: Burn candle within sight. Never touch, lift or move a candle while lit. Never burn candle on or near anything that can catch fire. Normal measures for preventive fire protection. Keep out of reach of children. No decomposition if stored and applied as directed |
| 7.3 | Special precautions: |
| 7.4 | Additional information: |

Section 8. Exposure controls & personal protection

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| 8.1 | Ventilation & engineering controls: |
| 8.2 | Respiratory protection. No Personal respiratory protective equipment normally required |
| 8.3 | Eye protection. No Special Requirements |
| 8.4 | Hand protection. For prolonged or repeated contact use protective gloves |
| 8.5 | Body protection. No Special Requirements |
| | HEALTH |
| | FLAMMABILITY |

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| | | PHYSICAL HAZARDS | |
| | | SPECIAL EQUIPMENT | |
| | | | |

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|  | <h2>MATERIAL SAFETY DATA SHEET</h2> |
| <h3>Section 9. Physical & chemical properties</h3> | |


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|------|---------------------|---|
| 9.1 | Density | |
| 9.2 | Boiling point | Test not applicable for this product type |
| 9.3 | Melting point | Test not applicable for this product type |
| 9.4 | Evaporation rate | Test not applicable for this product type |
| 9.5 | Vapour pressure | Test not applicable for this product type |
| 9.6 | Molecular weight | |
| 9.7 | Appearance & colour | Wax, white |
| 9.8 | Odour threshold | Characteristic |
| 9.9 | Solubility | insoluble |
| 9.10 | pH | Test not applicable for this product type |
| 9.11 | Viscosity | Test not applicable for this product type |
| 9.12 | Other information | None identified |

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| <h3>Section 10. Stability & reactivity</h3> |
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|------|--|
| 10.1 | Stability: Stable under recommended storage conditions |
| 10.2 | Hazardous Decomposition products: No decomposition if stored and applied as directed |
| 10.3 | Hazardous polymerization |
| 10.4 | Conditions to avoid: Extremes of temperature and direct sunlight |
| 10.5 | Incompatible substances: None known |

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| <h3>Section 11. toxicological information</h3> |
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| 11.1 | Toxicity data: Mixture: | |
| 11.2 | Acute toxicity: Based on available date, the classification criteria are not met | |
| 11.3 | Chronic toxicity: | |
| 11.4 | Suspected toxicity | |
| 11.5 | Reproductive toxicity: Based on available date, the classification criteria are not met | |
| | Mutagenicity | |
| | Embryo toxicity | |
| | Teratogenicity | |
| | Reproductive toxicity | Based on available date, the classification criteria are not met |
| 11.6 | Irritancy of product: Based on available date, the classification criteria are not met | |
| 11.7 | Biological exposure indices | |
| 11.8 | Physician recommendations | |
| 11.9 | Additional information | |

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|  | MATERIAL SAFETY DATA SHEET |
| Section 12. Ecological information | |

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|------|---|
| 12.1 | Environmental stability |
| 12.2 | Effect on plants & animals |
| 12.3 | Effect on aquatic life: Harmful to aquatic life with long lasting affects |

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| Section 13. Disposal consideration |
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| 13.1 | Waste Disposal: Product – do not dispose of waste in sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Disposal should be in accordance with local, state or national legislation. Please recycle empty packaging and do not re-use empty containers |
| 13.2 | Special Considerations |

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| Section 14. Transportation information |
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| The basic description (ID number, proper shipping name, hazard class & division, packing group) is shown for each mode of transport. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG, TDGR, SCT and ADGR | | |
| 14.1 | 49 CFR (GND) Not classified as dangerous in the meaning of the transport regulations | |
| 14.2 | IATA (AIR) Not classified as dangerous in the meaning of the transport regulations | |
| 14.3 | IMDG (OCN) Not classified as dangerous in the meaning of the transport regulations | |

| | | |
|------|---------------------|--|
| 14.4 | TDGR (Canadian GND) | |
| 14.5 | ADR/RID (EU) | |
| 14.6 | Mexico (SCT) | |
| 14.7 | ADGR (AUS) | |

Section 15. regulatory information

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| 15.1 | U.S EPA SARA reporting requirements |
| 15.2 | U.S EPA SARA Threshold planning quantity |
| 15.3 | U.S EPA TSCA Inventory Status |
| 15.4 | U.S EPA CERCLA reportable quantity (RQ) |
| 15.5 | Other U.S Federal Requirements |
| 15.6 | Other regulations |
| 15.7 | U.S State regulatory Information |
| 15.8 | 67/548/EEC (European Union) and Australia NOHSC:2011 (2003) requirements |

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Section 16. Other information

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| 16.1 | Other information: |
| 16.2 | Terms & definitions: Please refer to last page. |
| 16.3 | Disclaimers: |
| 16.4 | Prepared for: |
| 16.5 | Company full address: |
| | |



MATERIAL SAFETY DATA SHEET

Definitions of terms

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

General information

CAS No. Chemical abstract service number

Exposure limits in the air

ACGIH American conference on governmental industrial hygienists

TLV Threshold limit value

OSHA U.S occupational safety and health administration

PEL Permissible exposure limit

IDLH Immediately dangerous to life and health



































Frist Aid measures

CPR Cardiopulmonary resuscitation- method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

Hazardous materials identification systems: HMISH

Health, Flammability & reactivity ratings













| | | | |
|----------|-----------------|-------------------------|---------------|
| 0 | Minimal Hazard | | Hazard rating |
| 1 | Slight Hazard | HEALTH | |
| 2 | Moderate Hazard | FLAMMABILITY | |
| 3 | Severe Hazard | PHYSICAL HAZARDS | |
| 4 | Extreme Hazard | Personal Protection | |

| Personal Protection Ratings: | | | |
|------------------------------|---|---|--|
| A |  | G |    |
| B |   | H |     |
| C |    | I |    |
| D |    | J |     |
| E |    | K |     |
| F |     | X | Consult your supervisor or S.O.P for special handling directions. |

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|  | MATERIAL SAFETY DATA SHEET |
| Definitions of terms | |

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

Personal Protection ratings:

| | | | | | | | | | | |
|---|---|---|---|---|---|---|--|---|---|---|
|  |  |  |  |  |  |  |  |  |  |  |
| Safety glasses | Gloves | Face shield & eye protection | Splash goggles | Synthetic Apron | Full suit | Boots | Airline Hood/mask | Full face respirator | Vapor respirator | Dust & vapor respirator |
|  | | Note: The dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product. | | | | | | | | |

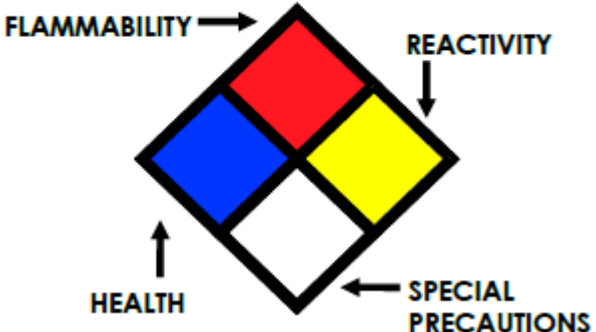
| Flammability limits in air | |
|----------------------------------|--|
| Auto ignition temperature | Minimum temperature required to initiate combustion in air with no other source of ignition. |
| LEL | Lower explosive limit- lowest percent of vapour in air, by volume that will explode or ignite in the presence of an ignition source. |
| UEL | Upper explosive limit- highest percent of vapour in air, by volume, that will explode or ignite in the presence of an ignition source. |

| Other Standard abbreviations: | |
|--------------------------------------|-------------------------------------|
| NA | Not available |
| NR | No results |
| NE | Not established |
| NF | Not found |
| ND | Not determined |
| ML | Maximum limit |
| SCBA | Self- contained breathing apparatus |

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|  | MATERIAL SAFETY DATA SHEET |
| Definitions of terms | |

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

| National fire protection association: NFPA | |
|---|-----------------|
| Hazard ratings | |
| 0 | Minimal Hazard |
| 1 | Slight Hazard |
| 2 | Moderate Hazard |
| 3 | Severe Hazard |
| 4 | Extreme Hazard |
| ACD | Acidic |
| ALK | Alkaline |
| COR | Corrosive |
| W_ | Use no water |
| OX | Oxidizer |











| Toxicological information | |
|----------------------------------|---|
| LD 50 | Lethal dose (solids & liquids) which kills 50% of the exposed animals |
| LC 50 | Lethal concentration (gases) which kills 50% of the exposed animals |
| ppm | Concentration expressed in parts of material per million parts |
| TD 10 | Lowest dose to cause a symptom |
| TCLo | Lowest concentration to cause a symptom |
| TD10, LD10 & | Lowest dose (or Concentration) to cause lethal or toxic effects |

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|--|--|
| LD₀ or TC, TC₀, LC₁₀, & LC₀ | |
| IARC | International agency for research on cancer |
| NTP | National toxicology program |
| RTECS | Registry of toxic effect chemical substances |
| BCF | Bio concentration factor |
| TL_m | Median threshold limit |
| Log K_{ow} or Log K_{oc} | Coefficient of oil/water distribution |









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|  | MATERIAL SAFETY DATA SHEET |
| Definitions of terms | |

A large number of abbreviation and acronyms appear on a MSDS. Some of these that are commonly used include the following:

| Regulatory information | |
|-------------------------------|---|
| CPR | Canada's controlled product regulations |
| DOT | U.S. Department of transport |
| EPA | U.S Environmental protection agency |
| EU | European Union (European union directive 67/548/EEC) |
| DSL | Canadian domestic substance list |
| MAK | Mandat und die arbeitsweise der commission (work ares commission) |
| NDSL | Canadian non- domestic substance list |
| NOHSC | National occupational health & safety code (Australia) |
| PSL | Canadian Priority substances list |
| TC | Transport Canada |
| TSCA | U.S toxic substance control act |
| WHMIS | Canadian workplace hazardous material information system |

| EC Information | | | | | | | |
|---|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |  |
| C | E | F | N | O | T+ | Xi | Xn |
| Corrosive | Explosive | Flammable | Harmful | Oxidizing | Toxic | Irritant | Harmful |

| WHMIS Information |
|--------------------------|
|--------------------------|

| | | | | | | | |
|---|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |  |
| A | B | C | D1 | D2 | D3 | E | F |
| Compressed | Flammable | Oxidizing | Toxic | Irritation | Infectious | Corrosive | Reactive |