

# Safety Data Sheet

according to WHS Regulations

Printing date 09/08/2018

Revision: 09/08/2018

## 1. Identification

**Name:** *Pink Sugar Type LSF 0147*

**Relevant identified uses of the substance or mixture and uses advised against**  
*No further relevant information available.*

**Details of the supplier of the safety data sheet**

**NZ SOAP AND CANDLE**

*18 Maisey Place*

*Fairy Springs*

*Rotorua: 3015*

*New Zealand*

[info@nzsoapandcandle.co.nz](mailto:info@nzsoapandcandle.co.nz)

*In emergency dial 111, and then ask for Fire, Ambulance or Police as necessary.*

*In case of poisoning phone National Poisons Centre – 0800 764 766*

## 2. Hazard(s) Identification

**Classification of the substance or mixture**

*Health hazard*



*Repr. 1A H360 May damage fertility or the unborn child*



*Acute Tox. 4 H302 Harmful if swallowed.*

*Skin Sens. 1 H317 May cause an allergic skin reaction.*

*Flam. Liq. 4 H227 Combustible liquid.*

**Label elements**

**GHS label elements**

*The product is classified and labelled according to the Globally Harmonised System (GHS).*

**Hazard pictograms**

# Safety Data Sheet

according to WHS Regulations

Printing date 09/08/2018

Revision: 09/08/2018

GHS08



GHS07



Signal word: *Danger*

## Hazard-determining components of labelling:

- 2-(4-tert-Butylbenzyl) propionaldehyde
- $\alpha$ -hexylcinnamaldehyde
- Bourbonal
- Benzyl benzoate
- Coumarin

## Hazard statements

- Combustible liquid.
- Harmful if swallowed.
- May cause an allergic skin reaction.
- May damage fertility or the unborn child.

## Precautionary statements

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use. Keep away from flames and hot surfaces. No smoking.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Specific treatment (see on this label).
- Store locked up.
- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable

## 3. Composition and Information on Ingredients

Chemical characterisation: *Mixtures*

Description: *Mixture of substances listed below with non-hazardous additions*

Dangerous components		
121-32-4	Bourbonal (Acute Tox. 4, H302)	≥0.1–<10%
101-86-0	$\alpha$ -hexylcinnamaldehyde (Skin Sens. 1, H317)	≥2.5–<9%
120-51-4	Benzyl benzoate (Acute Tox. 4, H302)	≥2.5–<6.5%

# Safety Data Sheet

according to WHS Regulations

Printing date 09/08/2018

Revision: 09/08/2018

80-54-6	2-(4-tert-Butylbenzyl) propionaldehyde Acute Tox. 3, H301; Repr. 1A, H360; Skin Irrit. 2, H315; Skin Sens. 1, H317; Flam. Liq. 4, H227	≥2.5–<6.5%
4940-11-8	Veltol-plus (Acute Tox. 3, H301)	≥0.1–<4.5%
115-95-7	linalyl acetate (Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Flam. Liq. 4, H227)	≥0.1–<2.75%
91-64-5	Coumarin (Acute Tox. 3, H301; Skin Sens. 1, H317)	≥1–<1.2%
123-11-5	Anisaldehyde (Repr. 2, H361)	≥0.1 – <0.9%

**Additional information:** For the wording of the listed hazard phrases refer to section 16

## 4. First Aid Measures

### Description of first aid measures

- **General information:** Symptoms of poisoning may even occur after several hours; therefore, medical observation for at least 48 hours after the accident
- **After inhalation:** Supply fresh air and to be sure call for a doctor
- In case of unconsciousness place patient stably in side position for transportation
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly
- **After eye contact:** Rinse opened eye for several minutes under running water
- **After swallowing:** Call for a doctor immediately.
- **Information for doctor:** Most important symptoms and effects, both acute and delayed *No further relevant information available.*
- Indication of any immediate medical attention and special treatment needed *No further relevant information available.*

## 5. Fire Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
  - CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** *No further relevant information available.*
- **Advice for firefighters:** *No special measures required.*

## 6. Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** *Wear protective equipment. Keep unprotected persons away*
- **Environmental precautions:** *Do not allow to enter sewers/ surface or ground water*
- **Methods and material for containment and cleaning up:** *Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.*
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.

# Safety Data Sheet

according to WHS Regulations

Printing date 09/08/2018

Revision: 09/08/2018

- See Section 13 for disposal information.

## 7. Handling and Storage

- **Handling:**
  - **Precautions for safe handling** *No special precautions are necessary if used correctly.*
  - **Information about fire - and explosion protection:** *Keep ignition sources away - Do not smoke.*
  - **Conditions for safe storage, including any incompatibilities**
- **Storage:**
  - **Requirements to be met by storerooms and receptacles:** *No special requirements.*
  - **Information about storage in one common storage facility:** *Not required.*
  - **Further information about storage conditions:** *Keep container tightly sealed.*
  - **Specific end use(s)** *No further relevant information available.*

## 8. Exposure controls and personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- Control parameters
  - **Ingredients with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
  - **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
  - **General protective and hygienic measures:**
    - Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:** *Protective gloves.* The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
- **Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material:** The exact break through time must be found out by the manufacturer of the protective gloves and must be observed.
- **Eye protection:** Goggles recommended during refilling

# Safety Data Sheet

according to WHS Regulations

Printing date 09/08/2018

Revision: 09/08/2018

## 9. Physical and Chemical Properties

<b>Information on basic physical and chemical properties</b>
<b>General Information</b>
<b>Appearance:</b> <ul style="list-style-type: none"><li>○ Form: <i>Liquid</i></li><li>○ Colour: <i>Light yellow</i></li><li>○ Odour: <i>Characteristic</i></li><li>○ Odour threshold: <i>Not determined</i></li></ul>
<b>pH-value:</b> <i>Not determined.</i>
<b>Change in condition</b> <ul style="list-style-type: none"><li>○ Melting point/freezing point: <i>Undetermined</i></li><li>○ Initial boiling point and boiling range: <i>Undetermined</i></li></ul>
<b>Flash point:</b> 79 °C
<b>Flammability (solid, gas):</b> <i>Not applicable</i>
<b>Decomposition temperature:</b> <i>Not determined</i>
<b>Auto-ignition temperature:</b> <i>Product is not self-igniting</i>
<b>Explosive properties:</b> <i>Not determined</i>
<b>Explosion limits:</b> <ul style="list-style-type: none"><li>○ Lower: <i>Not determined</i></li><li>○ Upper: <i>Not determined</i></li></ul>
<b>Vapour pressure:</b> <i>Not determined</i>
<b>Density:</b> <i>Not determined</i>
<b>Relative density:</b> <i>Not determined</i>
<b>Vapour density:</b> <i>Not determined</i>
<b>Evaporation rate:</b> <i>Not determined</i>
<b>Solubility in / Miscibility with water:</b> <i>Not miscible or difficult to mix</i>
<b>Partition coefficient: n-octanol/water:</b> <i>Not determined</i>
<b>Viscosity:</b> <ul style="list-style-type: none"><li>○ Dynamic: <i>Not determined.</i></li><li>○ Kinematic: <i>Not determined</i></li></ul>
<b>Solvent content:</b> <ul style="list-style-type: none"><li>○ <b>VOC (EC):</b> 0.00 %</li><li>○ <b>Other information:</b> <i>No further relevant information available.</i></li></ul>

## 10. Stability and Reactivity

- **Reactivity** *No further relevant information available.*
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications*
- **Possibility of hazardous reactions** *No dangerous reactions known*
- **Conditions to avoid** *No further relevant information available*

# Safety Data Sheet

according to WHS Regulations

Printing date 09/08/2018

Revision: 09/08/2018

- **Incompatible materials:** No further relevant information available
- **Hazardous decomposition products:** No dangerous decomposition products known

## 11. Toxicological Information

- Information on toxicological effects
- Acute toxicity

LD/LC50 values relevant for classification:		
ATE (Acute Toxicity Estimates)		
Oral	LD50	823 mg/kg
Dermal	LD50	62,992 mg/kg (rabbit)

<b>121-32-4 Bourbonal</b>		
Oral	LD50	1,590 mg/kg (rat)
<b>120-51-4 Benzyl benzoate</b>		
Oral	LD50	1,700 mg/kg (rat)
Dermal	LD50	4,000 mg/kg (rabbit)
<b>91-64-5 Coumarin</b>		
Oral	LD50	293 mg/kg (rat)
<b>123-11-5 anisaldehyde</b>		
Oral	LD50	1,510 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
<b>Primary irritant effect:</b> <b>Skin corrosion/irritation</b> No irritant effect. <b>Serious eye damage/irritation</b> No irritating effect. <b>Respiratory or skin sensitisation</b> possible through skin contact. <b>Additional toxicological information:</b> The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Harmful Irritant THIS PRODUCT HAS NOT BEEN TESTED ON ANIMALS <b>CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)</b> Repr. 1A		

## 12. Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bio accumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water Do not allow product to reach ground water, water course or sewage

# Safety Data Sheet

according to WHS Regulations

Printing date 09/08/2018

Revision: 09/08/2018


system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.

- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available

## 13. Disposal considerations

- **Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14. Transport information

<ul style="list-style-type: none"><li>• <b>UN-Number</b></li><li>• <b>ADG, IMDG, IATA</b></li></ul>	UN3082
<ul style="list-style-type: none"><li>• <b>UN proper shipping name</b></li><li>• <b>ADG</b></li></ul>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, $\alpha$ -hexylcinnamaldehyde)
<ul style="list-style-type: none"><li>• <b>IMDG</b></li></ul>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, $\alpha$ -hexylcinnamaldehyde)
<ul style="list-style-type: none"><li>• <b>IATA</b></li></ul>	MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran, $\alpha$ -hexylcinnamaldehyde)
<b>Transport hazard class(es)</b> <b>ADG, IMDG, IATA</b>  <b>Class</b> 9 Miscellaneous dangerous substances and articles <b>Label</b> 9	
<b>Packing group</b> ADG, IMDG, IATA	III

# Safety Data Sheet

according to WHS Regulations

Printing date 09/08/2018

Revision: 09/08/2018

<b>Environmental hazards:</b>	Product contains environmentally hazardous substances: 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c] pyran, $\alpha$ -hexylcinnamaldehyde
<b>Marine pollutant:</b> Symbol (fish and tree) <b>Special marking (ADG):</b> Symbol (fish and tree) <b>Special marking (IATA):</b> Symbol (fish and tree)	
<b>Special precautions for user Warning:</b> Miscellaneous dangerous substances and articles. <b>Danger code (Kemler):</b> 90 <b>EMS Number:</b> F-A,S-F <b>Stowage Category:</b> A	
<b>Transport in bulk according to Annex II of Marpol and the IBC Code:</b> Not applicable.	

<b>Transport/Additional information:</b>	
<b>ADG</b> <b>Limited quantities (LQ)</b> <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>Transport category</b>	3
<b>IMDG</b> <b>Limited quantities (LQ)</b> <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<b>UN "Model Regulation"</b>	U N 3 0 8 2 E N V I R O N M E N T A L L Y H A Z A R D O U S S U B S T A N C E , L I Q U I D , N . O . S . (1,3,4,6,7,8-HEXAHYDRO4,6,6,7,8,8-HEXAMETHYLINDENO[5,6-C]PYRAN, $\alpha$ HEXYLCINNAMALDEHYDE), 9, III

## 15. Regulatory information

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

Australian Inventory of Chemical Substances (Substances not listed)	
101-86-0	$\alpha$ -hexylcinnamaldehyde
Standard for the Uniform Scheduling of Medicines and Poisons	
91-64-5	Coumarin
8008-56-8	Lemon oil

- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



# Safety Data Sheet

according to WHS Regulations

Printing date 09/08/2018

Revision: 09/08/2018

GHS08



GHS07



- **Signal word** Danger
- **Hazard-determining components of labelling:**
  - 2-(4-tert-Butylbenzyl)propionaldehyde
  - $\alpha$ -hexylcinnamaldehyde
  - Bourbonal
  - Benzyl benzoate Coumarin
- **Hazard statements**
  - Combustible liquid.
  - Harmful if swallowed.
  - May cause an allergic skin reaction.
  - May damage fertility or the unborn child.
- **Precautionary statements**
  - If medical advice is needed, have product container or label at hand.
  - Keep out of reach of children.
  - Read label before use.
  - Keep away from flames and hot surfaces. No smoking.
  - Avoid breathing dust/fume/gas/mist/vapours/spray.
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - Specific treatment (see on this label).
  - Store locked up.
  - Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** E1 Hazardous to the Aquatic Environment
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 100 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

# Safety Data Sheet

according to WHS Regulations

Printing date 09/08/2018

Revision: 09/08/2018

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

### Relevant phrases

- *H227 Combustible liquid.*
- *H301 Toxic if swallowed.*
- *H302 Harmful if swallowed.*
- *H315 Causes skin irritation.*
- *H317 May cause an allergic skin reaction.*
- *H319 Causes serious eye irritation.*
- *H360 May damage fertility or the unborn child.*
- *H361 Suspected of damaging fertility or the unborn child.*

**Department issuing SDS:** Product safety department

### 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)*
- *IMDG: International Maritime Code for Dangerous Goods*
- *IATA: International Air Transport Association*
- *EINECS: European Inventory of Existing Commercial Chemical Substances*
- *ELINCS: European List of Notified Chemical Substances*
- *CAS: Chemical Abstracts Service (division of the American Chemical Society)*
- *VOC: Volatile Organic Compounds (USA, EU)*
- *LC50: Lethal concentration, 50 percent*
- *LD50: Lethal dose, 50 percent*
- *PBT: Persistent, Bioaccumulative and Toxic*
- *vPvB: very Persistent and very Bioaccumulative*
- *Flam. Liq. 4: Flammable liquids – Category 4*
- *Acute Tox. 3: Acute toxicity – Category 3*
- *Acute Tox. 4: Acute toxicity – Category 4*
- *Skin Irrit. 2: Skin corrosion/irritation – Category 2*
- *Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A*
- *Skin Sens. 1: Skin sensitisation – Category 1*
- *Repr. 1A: Reproductive toxicity – Category 1A*
- *Repr. 2: Reproductive toxicity – Category 2*