



## COLIN CAMPBELL (CHEMICALS) PTY. LTD.

### SAFETY DATA SHEET

Date of Issue: 1 December 2016

#### 1) IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** CAMPBELL VACATE WAX REMOVER  
**Other Names:** None  
**Chemical Group:** Alkaline salts  
**CAS No.:**  
**Recommended Use:** For removing wax deposits from fruit packing equipment.  
**Supplier Details:** Colin Campbell (Chemicals) Pty Ltd ABN 29 000 045 590  
5 Blackfriar Place  
Wetherill Park NSW 2164  
**Telephone:** (02) 9725 2544  
**Fax:** (02) 9604 7768  
**Email:** [cccsyd@campbellchemicals.com.au](mailto:cccsyd@campbellchemicals.com.au)  
**Website:** [www.campbellchemicals.com.au](http://www.campbellchemicals.com.au)  
**Contact:** Product Development Manager – (02) 9725 2544  
**Emergency Telephone Number:** (02) 9725 2544 – 8am to 6pm Monday to Friday.

#### 2) HAZARDS IDENTIFICATION

**GHS classification:** CORROSIVE Category 1  
Acute oral Category 4  
Acute dermal Category 5  
Skin irritation Category 1  
Eye irritation Category 1  
Skin sensitisation Category 1  
Acute aquatic Category 3

**Signal Words:** DANGER

**Hazard Statements :** H290 May be corrosive to metals  
H302 Harmful if swallowed  
H313 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage  
H318 Causes serious eye damage  
H317 May cause an allergic skin reaction.  
H402 Harmful to aquatic life.

**General Precautionary Statements :** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children  
P103 Read label before use.



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Date of Issue: 1 December 2016

#### Pictograms :



#### Precautionary statements

P234 Keep only in original container.

P260 Do not breathe mists.

#### Prevention:

P261 Avoid breathing dust, fumes, gas, mist, vapours or spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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

P280 Wear impermeable clothing, safety goggles or face shield and chemical resistant gloves.

P273 Avoid release to the environment.

#### Precautionary statements

P390 Absorb spillage to prevent material damage.

P312 Call a POISONS CENTRE or doctor if you feel unwell.

#### Response:

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do not induce vomiting.

P303+P361+P353 IF ON SKIN (OR HAIR) : Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs : Get medical advice/attention.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310 Immediately call a POISONS CENTRE or doctor for medical advice.

P321 Specific treatments see Section 4 First Aid Measures.

P305+PP351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

#### Storage :

P406 Store in corrosive resistant container with a resistant inner liner.

P405 Store locked up.

#### Disposal:

P501 Dispose of contents/container to an approved waste disposal plant.

#### Other information :

Dangerous good.

Hazardous substance.

### 3) COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration
Sodium hydroxide	1310-73-2	<25%
Potassium hydroxide	1310-58-3	<15%
Octanol	111-87-5	<1%
Proprietary ingredients	-	Balance



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Date of Issue: 1 December 2016

---

#### 4) FIRST AID MEASURES

**If poisoning occurs, move out of dangerous area immediately contact a doctor or Poison Information Centre (Ph: 13 11 26) and follow the advice given.  
Show this Safety Data Sheet to the doctor.**

<b>If inhaled:</b>	Move to fresh air and keep at rest. If person is not breathing, call a doctor and then give artificial respiration, preferably mouth-to-mouth, if possible..
<b>In case of skin contact:</b>	Carefully remove contaminated clothing and shoes immediately. Wash affected areas with mild soap and plenty of water. If redness, burning or irritation persists, get medical attention. Wash contaminated clothing before reuse.
<b>In case of eye contact:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Check and remove any contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Protect unharmed eye. Get medical attention
<b>If swallowed:</b>	Call a POISONS CENTRE or doctor for treatment advice. Do not induce vomiting unless told to by a POISONS CENTRE or doctor. Do not give anything by mouth to an unconscious person.
<b>First Aid facilities</b>	Ensure eye wash and safety shower are available.
<b>Medical Attention:</b>	The first aid procedure should be established in consultation with a doctor responsible for industrial medicine.

#### 5) FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	Not flammable. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray may be used to keep fire exposed containers cool.
<b>Hazard from combustion products</b>	In a fire, formation of carbon monoxide and carbon dioxide can be expected.
<b>Precautions for fighting fires</b>	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Keep unnecessary people away. If it can be done safely remove intact containers from the fire. Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire residues and contaminated fire extinguishing water in accordance with local regulations. Do not release contaminated water into the environment.
<b>Hazchem Code</b>	2X



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Date of Issue: 1 December 2016

#### 6) ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled material or contaminated surfaces. Do not smoke, eat or drink during the clean up process. Wear personal protective clothing and equipment as detailed in Section 8 PERSONAL PROTECTION. Keep people and animals away. Ensure adequate ventilation. Contain spill and absorb with earth, sand, clay or other absorbent material. Prevent spilled material from entering drains or watercourses. Collect and store in properly labelled drums for safe disposal. Clean floor with a damp cloth and place it in the drum. Seal drums and label ready for safe disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses etc is unavoidable warn the local water authority.

#### 7) HANDLING AND STORAGE

**Handling** Keep out of reach of children. Will irritate eyes and skin. Avoid contact with eyes and skin. Do not inhale spray mist. After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves and contaminated clothing.

**Storage** Store in the tightly closed original container in a cool well ventilated area. Store in corrosive resistant container with a resistant inner liner. Store in a locked room away from children, animals, food, animal feed, seed and fertilisers.

#### 8) EXPOSURE CONTROL/PERSONAL PROTECTION

**Exposure Standards** Sodium hydroxide CAS#1310-73-2  
2mg/m<sup>3</sup> Ceiling (OSHS 8-hr PEL, Cal/OSHA, NIOSH REL, ACGIH TLV)  
Potassium hydroxide CAS#1310-58-3  
2mg/m<sup>3</sup> Ceiling (OSHS 8-hr PEL, ACGIH TLV)  
Octanol CAS#111-87-5  
265mg/m<sup>3</sup> 50ppm AIHHA WEEL TWA

Exposure standard – Time Weighted Average (TWA) means the average airborne concentration of a particular substance when calculated over a normal eight hour working day, for a five-day working week.

**Biological Limit Values** None allocated

**Engineering Controls** Control process conditions to avoid contact. Local exhaust ventilation may be necessary to control air contaminants to their exposure limits. The use of mechanical ventilation is recommended to control emissions near the source. Provide mechanical ventilation for confined spaces..

**Personal Protective Equipment**

Eyes: Safety goggles. Eye wash bottle with pure water.  
Clothing: Impermeable clothing buttoned to the neck and wrists and a washable hat.  
Gloves: Polyvinyl alcohol or nitrile-butyl-rubber gloves. Before removing gloves clean them with soap and water.  
Respiratory: Not normally required. If inhalation is likely an AS/NZS 1715/1716 approved respirator should be worn.



SAFETY DATA SHEET

Date of Issue: 1 December 2016

**9) PHYSICAL AND CHEMICALS PROPERTIES**

<b>Appearance:</b>	Brown liquid
<b>Odour:</b>	Odourless
<b>Vapour pressure:</b>	Not available
<b>Relative vapour density:</b>	Not available
<b>Evaporation rate:</b>	Not determined.
<b>Boiling point:</b>	100°C estimated
<b>Freezing/Melting point:</b>	No data available.
<b>pH:</b>	>7.0
<b>Solubility:</b>	Disperses in water
<b>Specific gravity:</b>	1.385 (20°C)
<b>Flash point:</b>	Not available
<b>Flammability (explosive) limit:</b>	Not available
<b>Auto ignition temperature:</b>	No data available.
<b>Partition coefficient (octanol/water):</b>	No data available.
<b>Viscosity:</b>	No data available
<b>Oxidising properties:</b>	No data available.

**10) STABILITY AND REACTIVITY**

<b>Chemical stability:</b>	Stable under normal conditions of use and storage.
<b>Conditions to avoid:</b>	None known.
<b>Incompatible materials :</b>	Acids, strong oxidisers. May react with soft metals such as aluminium to form flammable hydrogen gas.
<b>Hazardous decomposition products:</b>	In a fire, formation of carbon monoxide and carbon dioxide can be expected.
<b>Hazardous reactions:</b>	Stable under recommended storage conditions. No decomposition if used as directed.

**10) TOXICOLOGICAL INFORMATION**

<b>Inhalation:</b>	No data available
<b>Skin contact:</b>	Causes severe skin burns.
<b>Eye contact:</b>	Causes serious eye damage.
<b>Ingestion:</b>	Can cause toxicity and tissue damage.
<b>Chronic toxicity:</b>	
<b>Germ cell mutagenicity:</b>	No data available



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Date of Issue: 1 December 2016

---

<b>Carcinogenicity:</b>	No carcinogenic effects are expected due to product being comprised of US FDA-approved food-grade ingredients.
<b>Reproductive toxicity:</b>	Occasional workplace exposure is not expected to present a hazard.
<b>Target organ effects:</b>	No known target organ effects.
<b>Aspiration hazard:</b>	Material does not present an aspiration hazard.
<b>Potential health effects:</b>	CORROSIVE: May cause severe skin burns and eye damage.
<b>Acute toxicity:</b>	
<b>Oral toxicity (product):</b>	LD <sub>50</sub> rat >660 mg/kg Estimate based on ingredients
<b>Dermal toxicity (product):</b>	LD <sub>50</sub> rat >2440 mg/kg Estimate based on ingredients.
<b>Inhalation toxicity:</b>	LC <sub>50</sub> rat >20 mg/L Estimate based on ingredients
<b>Sensitisation:</b>	May cause an allergic skin reaction.

#### 11) ECOLOGICAL INFORMATION

Harmful to aquatic life.

DO NOT contaminate streams, rivers or waterway with this product or the used containers.

<b>Ecotoxicity:</b>	LC-50 96-h (unspecified fish) >66 mg/L Estimate based on ingredients..
<b>Environmental fate, persistence and degradability, mobility</b>	No data available.
<b>Identified harmful effects on environment:</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic organisms.
<b>Other precautions:</b>	Do not contaminate dams, waterways or sewers with this product.

#### 12) DISPOSAL CONSIDERATIONS

This product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used containers. Triple or preferable pressure rinse containers before disposal. Add rinsings to the mixing tank. Do not dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.



SAFETY DATA SHEET

Date of Issue: 1 December 2016

**13) TRANSPORT INFORMATION**

**International regulation**

**UNRTDG**

**UN Number :** Not applicable.  
**Proper shipping name:** Not applicable.  
**Class and subsidiary risk:** Not applicable.  
**Packing Group:** Not applicable.  
**Labels** Not applicable.

**IATA-DGR**

**UN/ID No.:** Not applicable.  
**Proper shipping name:** Not applicable.  
**Class:** Not applicable.  
**Packing group:** Not applicable.  
**Labels:** Not applicable.  
**Packing instruction (cargo aircraft):** Not applicable.  
**Packing instruction (passenger aircraft):** Not applicable.

**IMDG-Code**

**UN number:** Not applicable.  
**Proper shipping name:** Not applicable.)  
**Class:** Not applicable.  
**Packing group:** Not applicable.  
**Labels:** Not applicable.  
**EmS Code:** Not applicable.  
**Marine pollutant:** Not applicable.

**ADG**

**UN number:** 1719  
**Proper shipping name:** CAUSTIC ALKALI LIQUID. N.O.S.(Sodium hydroxide, potassium hydroxide)  
**Class:** 8  
**Packing group:** II  
**Labels:** 8  
**Hazchem code:** 2X  
**Remarks:** None

**14) REGULATORY INFORMATION**

None



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**15) OTHER INFORMATION**

Date of revision : 1 December 2016  
Reason for revision : Upgrading to GHS format.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of the how the product will be handled and used in the workplace including in conjunction with other products.

**END OF SDS**