

# MATERIAL SAFETY DATA SHEET

**VSP LABORATORIES (Australia) Pty Ltd** ISSUE DATE: October 2019

## COSMETIC BRUSH CLEANER

### 1. Identification of the Material and Supplier

<b>Product Name:</b>	COSMETIC BRUSH CLEANER
<b>Company:</b>	VSP LABORTORIES AUSTRALIA Pty Ltd
<b>Address:</b>	Unit 3/31 Sterling Road, Minchinbury , NSW 2770
<b>Telephone:</b>	0447611673
<b>Email:</b>	<a href="mailto:vsplabs@gmail.com">vsplabs@gmail.com</a> or <a href="mailto:shivani.vsplabs@gmail.com">shivani.vsplabs@gmail.com</a>
<b>Emergency Tel.:</b>	POISON CENTER 13 11 26

### 2. Hazards Identification

**HAZARDOUS SUBSTANCE; DANGEROUS GOODS Class 3 Flammable Liquids PG II;**

**Classified as Hazardous according to the criteria of NOHSC.**

**Risk phrase(s) :**

**F = Flammable**

**R11 = Highly Flammable**

**Xi = Irritant**

**R36 = Irritating to eyes**

**R67 = Vapours may cause drowsiness or dizziness**

**Safety phrase(s) :**

**S(2) = Keep out of reach of children**

**S7 = Keep container tightly closed.**

**S16 = Keep away from sources of ignition. No smoking.**

**S24/25= Avoid contact with skin and eyes.**

**S26 = In case of contact with eyes, rinse immediately with running water for at least 15mins.**

### 3. Composition/Information on ingredients

<b>ISOPROPANOL</b>	<b>CAS No.</b> 67-63-0	<b>Content</b>	70 -75%
<b>Other Non-Hazardous Ingredients</b>		<b>Content</b>	25-30%

### 4. First Aid Measures

**No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label where applicable. If poisoning occurs seek the advice of a doctor or contact Poisons Information Centre 13 11 26**

**SWALLOWED:** If conscious immediately rinse mouth with water & give water to drink. Do not induce vomiting. If vomiting occurs rinse mouth and administer more water. Seek immediate medical assistance.

**EYE:** Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Seek medical assistance. If in eyes, wash out immediately with water and rinse eyes with running water for at least 15 minutes or until advised to stop by a doctor.

**SKIN:** Wash with soap & water. Remove contaminated clothing & wash before reuse. If irritation, swelling, redness or blistering occurs seek medical assistance. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**INHALATION:** Remove from contaminated area. Apply artificial respiration if not breathing. Remove affected person from contaminated area. Avoid becoming a casualty. Seek medical attention or special treatment as required.

**Advice to doctor :** Treat symptomatically.

### 5. Fire fighting measures

<b>Flammability</b>	Highly flammable
<b>Fire and Explosions</b>	Flammable. Risk of ignition. Vapors may form explosive mixture with air. Vapors may travel to source of ignition and flush back. Containers may explode when heated.
<b>Flash Point:</b>	12C (54F) CC
<b>Flammable Limit:</b>	(vol %) LEL: 2.0% UEL: 12.7%
<b>Auto-ignition Temperature:</b>	425C (750F)
<b>Extinguishing Media:</b>	Foam, Carbon Dioxide, Dry Chemical Powder and Water Fog. Water maybe ineffective unless used as a fine spray or fog. Keep adjacent drums cool with water spray. Alcohol resistant foam, carbon dioxide or dry chemical powder. Water may be ineffective. Water spray may be used to keep fire-exposed containers cool until fire is out.
<b>Special protective precautions and equipment for fire fighters :</b>	Fire fighters to wear self contained breathing apparatus & full protective gear.

## 6. Accidental Release Measures

**Emergency procedures :** Evacuate area. Eliminate sources of ignition. Use self contained breathing apparatus and protective clothing. Dike and absorb with inert material (ie sand, soda, ash). Transfer to proper containers for disposal, use nonsparking tools. Keep spills out of sewers & open bodies of water. Remove saturated clothing and wash affected skin areas with soap and water. Wear proper protective equipment. Contain and absorb using sand, earth or other inert material. Stop spill at source if possible. Prevent from entering drains, sewers, streams or other bodies of water. Wash down area with water. If contamination of sewers or waterways has occurred advise the local emergency services. Transfer spilled material into clean labelled container for disposal.

**Personal precautions:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Be aware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Environmental precautions** Prevent further leakage or spillage if safe to do. Do not let product enter drains.

**Methods for Containment and Clean** Remove all sources of ignition. Soak up with inter absorbent material. Keep in suitable and closed containers for disposal.

Take precautionary measures static discharges.

## 7. Handling and Storage

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label where applicable. Symptoms that may arise if the product is mishandled are:

Classified as a **Class 3 Flammable Liquid** for storage or transport by the Australian

Code for the Transport of Dangerous Goods by Road and Rail. Refer to State

Regulations for storage or transport requirements.

**Precautions for safe handling :** Protect from physical damage. Use only with adequate ventilation.

High vapour concentrations may irritate the respiratory system. Store in a cool, dry place out of direct sunlight. Keep container closed when not in use. Maintain air space inside storage containers. Store away from sources of heat, sparks, flames or other sources of ignition. In case of accident follow spill or fire-fighting procedures above.

Conditions for safe storage, including any incompatibilities : Incompatibility materials to avoid, reducing and oxidising agents and UV light. Hazardous decomposition or by products include Oxides of carbon when burned. Store away from sources of heat or ignition. Store in a cool place away from direct sunlight.

Keep containers securely sealed and protected against physical damage. Earth and bond containers and vehicles to filling points when dispensing pouring or pumping as vapours may ignite due to static electricity vapors or spray mist. Do not get in eyes, on skin, or on clothing. Take measures to prevent the buildup electrostatic charge.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

## 8. Exposure controls/Personal protection

**The following Australian Standards will provide general advice regarding safety clothing and**

**equipment:**

**Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear**

**AS/NZS2210:**

<b>ASCC Exposure limits</b>	<b>TWA (mg/m3 )</b>	<b>STEL (mg/m3 )</b>
<b>Isopropanol</b>	<b>983</b>	<b>1230</b>

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

**Ventilation:** This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels. If necessary, use a fan.

**Eye Protection:** Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

**Skin Protection:** The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

**Protective Material Types:** We suggest that protective clothing be made from the following materials: Viton, nitrile, butyl rubber, PE/EVAL, Responder.

**Respirator:** Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

Eyebaths or eyewash stations should be provided near to where this product is being used.

## **9. Physical and Chemical Properties**

**Physical Description & colour: Clear Greenish Blue liquid.**

**Odour: Vanilla fragrance**

**Boiling Point: 82°C at 100kPa**

**Freezing/Melting Point: IPA melts about -80°C**

**Volatiles: >90%**

**Vapour Pressure: 10kPa at 33°C**

**Vapour Density: No data.**

**Specific Gravity: 0.79**

**Water Solubility: Miscible in water**

**pH: No data.**

**Volatility: No data.**

**Odour Threshold: No data.**

## 10. Stability and Reactivity

**Reactivity:** This product is unlikely to react or decompose under normal storage conditions.

**Conditions to Avoid:** This product should be kept in a cool place, preferably below 35°C. Keep containers tightly closed. Keep containers and surrounding areas well ventilated. Keep away from sources of sparks or ignition.

**Incompatibilities:** strong oxidising agents.

**Fire Decomposition:** Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Water. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

**Polymerisation:** This product will not undergo polymerisation reactions.

## 11. Toxicological Information

Health effects from the likely routes of exposure : None of the components of the material are listed as Carcinogens. Signs and symptoms of exposure; liquid or high vapour concentration can irritate eyes and respiratory system and cause skin rashes. Prolonged exposure can lead to headaches, nausea, drowsiness and unconsciousness.

## TOXICITY

LC50 inhalation (rat): 16000 ppm/8hr

ORL-RAT LD50 5045 mg kg-1

SKN-RBT LD50 12800 mg kg-1

ORL-MUS LD50 3600 mg kg-1

ORL-MAN TDLO 223 mg kg-1

IVN-DOG LDLO 5120 mg kg-1

Pimephales promelas LC50 11130 mg/l/96h

Daphnia magna LC50 9500 mb/l/24h

Sensitization: Irritant effect on eyes.

Irritant to skin.

Irritating to respiratory system.

Long term toxicity: Repeated and prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Chronic toxicity: No data is available on the product itself.

## 12. Ecological Information

Environmental Fate: When released into the soil, this material is expected to quickly evaporate. When released into the soil, this material may leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent. When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life between 1 and 10 days. When released into water, this material may biodegrade to a moderate extent. This material is not expected to significantly bioaccumulate. When released into the air, this material is expected to be readily degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life between 1 and 10 days. When released into the air, this material may be removed from the atmosphere to a moderate extent by wet deposition.

Environmental Toxicity: The LC50/96-hour values for fish are over 100 mg/l. This material is not expected to be toxic to aquatic life.

## 13. Disposal Considerations

**Disposal:** There are many pieces of legislation covering waste disposal and they differ in each state and territory, so each user must refer to laws operating in their area. Refer to State Land Waste Management Authority.

#### **14. Transport Information**

**UN Number : UN1219**

**UN Proper Shipping Name : ISOPROPANOL**

**Class and subsidiary risk : 3**

**Packing Group : II**

**Special precautions for user : See above**

**Hazchem Code : 2(Y)E**

#### **15. Regulatory information**

Regulatory status: Classified as Hazardous according to the criteria of the NOHSC.

#### **16. Other information**

This MSDS is only safety- related information.

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