

Safety Data Sheet

according to WHS Regulations

Printing date 30.06.2017

Revision: 30.06.2017

1 Identification

Product Name: GLOSS E

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Polish for stone and plaster models.

Details of Manufacturer or Importer:

Australian Dental Manufacturing
25 Billabong Street
Kenmore Hills QLD 4069

Phone Number: 07 3878 1901

Emergency telephone number: National Poison Information Centre: 13 11 26

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



Skin Corrosion/Irritation 2 H315 Causes skin irritation.

Serious Eye Damage/Irritation 2A H319 Causes serious eye irritation.

Signal Word Warning

Hazard Statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Precautionary Statements

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves / eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

67-63-0	Propan-2-ol ⚠ Flammable Liquids 2, H225; ⚠ Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H336	8 - 12%
112-80-1	9-Octadecenoic acid, (Z)- ⚠ Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319; STOT SE 3, H335	6 - 7%

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1310-58-3	Potassium hydroxide	1 - 2%
	☠ Skin Corrosion/Irritation 1A, H314; ☠ Acute Toxicity (Oral) 4, H302	

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap for at least 15 minutes. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Immediately give copious quantities of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: This product is non-volatile, but if dried, dust from this product may cause discomfort.

Skin Contact: Causes skin irritation. This product will have a degreasing effect on the skin and may cause sensitisation in some individuals.

Eye Contact: Causes serious eye irritation and swelling.

Ingestion: May cause gastrointestinal irritation. Symptoms include abdominal pain, nausea, vomiting and diarrhoea.

5 Fire Fighting Measures

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include oxides of carbon and sulphur.

Product is not flammable, but ingredients may breakdown under fire conditions.

Containers close to fire should be removed if safe to do so.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Spilt product may be slippery.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal. Small spills can be wiped up with paper towels or clean rags. Wash spill area liberally with water.

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7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed. Check regularly for leaks. Protect from direct sunlight. Keep away from strong oxidising agents, copper, copper alloys and nickel. Store at temperatures between 4 - 40 °C. Do not store near food.

8 Exposure controls and personal protection

Exposure Standards:

67-63-0 Propan-2-ol

WES	STEL: 1230 mg/m ³ , 500 ppm TWA: 983 mg/m ³ , 400 ppm
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1310-58-3 Potassium hydroxide

WES	Peak limitation: 2 mg/m ³
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Engineering Controls:

Maintain air concentration below occupational exposure standards, providing adequate ventilation.

Respiratory Protection:

Respiratory protection is not required under normal use conditions.

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Skin protection is not required under normal use conditions.

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye protection is not required under normal use conditions.

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Creamy light liquid
Colour:	No information available
Odour:	Uneventful
Odour Threshold:	No information available

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pH-Value:	>12 (10% dilution)
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	105 °C
Flash Point:	Not applicable
Flammability:	Product is not flammable.
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Completely soluble
Partition Coefficient (n-octanol/water):	No information available
Metal Corrosivity:	Corrosive to most metals.
Viscosity:	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Direct sunlight.

Incompatible Materials: Strong oxidising agents, copper, copper alloys and nickel.

Hazardous Decomposition Products: Oxides of carbon and sulphur.

11 Toxicological Information

Toxicity:

LD ₅₀ /LC ₅₀ Values Relevant for Classification:		
67-63-0 Propan-2-ol		
Oral	LD ₅₀	5045 mg/kg (rat)
Dermal	LD ₅₀	12800 mg/kg (rabbit)
Inhalation	LC ₅₀ /4 h	30 mg/l (rat)
112-80-1 9-Octadecenoic acid, (Z)-		
Oral	LD ₅₀	74000 mg/kg (rat)
1310-58-3 Potassium hydroxide		
Oral	LD ₅₀	273 mg/kg (rat)

Acute Health Effects

Inhalation: This product is non-volatile, but if dried, dust from this product may cause discomfort.

Skin:

Causes skin irritation. This product will have a degreasing effect on the skin and may cause sensitisation in some individuals.

Eye: Causes serious eye irritation and swelling.

Ingestion:

May cause gastrointestinal irritation. Symptoms include abdominal pain, nausea, vomiting and diarrhoea.

Skin Corrosion / Irritation: Causes skin irritation.

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Serious Eye Damage / Irritation: Causes serious eye irritation.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Isopropyl alcohol is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:**

Prolonged eye contact may cause reversible corneal damage.

Repeated or prolonged skin exposure may cause dermatitis or eczema.

prolonged inhalation of fumes may be harmful.

Existing Conditions Aggravated by Exposure: No information available**Additional toxicological information:** No information available

12 Ecological Information

Ecotoxicity: No adverse ecological effects are expected.**Aquatic toxicity:****67-63-0 Propan-2-ol**LC₅₀/96 h 9640 mg/L (fathead minnow)**Persistence and Degradability:** 100% biodegradable. No long-term persistent effects are expected.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** This product is water soluble.**Other adverse effects:** No further relevant information available.

13 Disposal considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport information

UN Number Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

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15 Regulatory information

Australian Inventory of Chemical Substances:

67-63-0	Propan-2-ol
112-80-1	9-Octadecenoic acid, (Z)-
1310-58-3	Potassium hydroxide
7732-18-5	Water

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 5

16 Other information

Date of Preparation or Last Revision: 30.06.2017**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Flammable Liquids 2: Flammable liquids – Category 2

Acute Toxicity (Oral) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 1A: Skin corrosion/irritation – Category 1A

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016”

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