

Section 1. IDENTIFICATION

Product identifier: Soak It Disinfectant

Product Code: 5-252

Description /Use: Disinfectant Soaking Solution for Barber and Hair Salon tools and accessories

Business name: Zexa Pty Ltd

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Use only according to directions on product spec sheet and label.

Poisons Information Centre Contact Number: 13 11 26

Section 2. HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of Safe Work Australia (SWA).

Not classified as Dangerous Goods according to the Australian Dangerous Goods Code (ADG), Special Provisions 144.

GHS Classification

Flammable Liquids – Category 3

Serious Eye Damage/Irritation – Category 2A

Signal Word

WARNING

Hazard Statements

Flammable liquid and vapors.

Causes serious eye irritation

Pictograms

Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces – No smoking.

Keep container tightly closed.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wear protective gloves/eye/face protection.

IF IN EYES: Rinse cautiously with water for several

minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.

In case of fire: Use CO₂, foam or dry chemicals for extinction.

Store in a well-ventilated place. Keep cool.

Dispose of contents in accordance with local/state regulations.



Section 3. COMPOSITION INFORMATION

Chemical Name	CAS Number	Percentage (%)
Ethanol	64-17-5	10 – 20
Dimethyl benzyl ammonium chloride	68424-85-1	10 - 20

Other ingredients determined not to be hazardous or below concentration cut-off to 100

Section 4. FIRST AID

Inhalation: Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation.

Ingestion: Do NOT induce vomiting. Give water to drink. Seek medical attention.

Skin Contact: Remove contaminated clothing and laundry before re-use. Wash affected skin with water.

Eye Contact: Hold the eyes open and flush with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue to rinse. Seek medical attention.

First Aid Facilities: This Safety Data Sheet should be provided to the attending medical doctor. Normal washroom facilities are generally suitable. It is recommended that an eyewash station be available and ready for use. Advise to Doctor. Treat symptomatically.

Section 5. FIRE FIGHTING MEASURES

Suitable extinguishing equipment:

Flammable liquid and vapour. Alcohol resistant foam, fine water spray, dry chemical or CO₂ may be used to contain fire. Water spray may be used to cool surrounding containers.

Specific hazards arising from the chemical:

Flammable liquid. Can release vapours that form explosive mixtures with air. Vapour is slightly heavier than air and can travel to source of ignition and flash back. Carbon dioxide, carbon monoxide, and other toxic gases may be produced in the case of fire.

Special protective equipment and precautions for fire fighters:

Firefighters should wear full protective clothing including self-contained breathing apparatus & chemical splash suit. Remove from the vicinity containers not involved in the fire

Section 6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Note: spillages are slippery. Wear appropriate protective equipment. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth, and then transfer into sealed plastic containers for disposal.

Section 7. HANDLING AND STORAGE

Precaution for safe handling – observe good personal hygiene practices and recommended procedures. Wash hands thoroughly after handling. Avoid contact with eyes, skin and clothing. When using, do not eat, drink or smoke Store in a cool, dry, well-ventilated place out of direct sunlight. Avoid sources of ignition. Keep containers closed at all times – Check regularly for spills. For large quantities, a fire extinguisher appropriate to class B fires should be kept in the vicinity (dry chemical or carbon dioxide)

Store in plastic containers in a clean, dry, cool, well ventilated place away from foodstuffs. Keep containers sealed when not in use. It is recommended that this product be dispensed through approved dispensers.

Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards: An occupational exposure standard (OEL) has not been established for the product. The following components have been listed with an OEL as per Safe Work Australia – Workplace Exposure Standards **for Airborne Contaminants.**

Ingredient Name	CAS No	TWA(ppm)	TWA (mg/m3)	STEL (ppm)	STEL(mg/m3)
Ethyl alcohol	64-17-5	1000	1880	-	-

Respiratory protection Not normally needed. If significant vapours or mists are generated, use an appropriate respirator in accordance with AS/NZS 1715 and AS/NSZ 1716.

Thermal hazards Refer to Section 5

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Colour:	Blue Green
Flashpoint (°C):	>33.3oC (92oF)	Boiling Point (°C):	>100C
Flammability Limits (%):	Not available	Vapour Pressure:	Not available
Water Solubility:	Complete	Specific Gravity:	0.99 – 1.025
pH:	8.5 to 10.5	Odour:	Fresh Citrus

Section 10. STABILITY AND REACTIVITY

Reactivity:	Hazardous polymerization will not occur
Stability:	Considered stable. For extended storage life, store below 30°C and keep out of direct sunlight, store below 30°C.
Hazardous Polymerisation:	Carbon monoxide and carbon dioxide.
Materials to Avoid:	Strong oxidising agents. Acids
Conditions to Avoid:	No known conditions to avoid.

Section 11. TOXICOLOGY INFORMATION

Potential Health Effects:

Signs and symptoms of short term exposure:

Signs and symptoms: Inhalation – May cause respiratory irritation. May cause headache, nausea, dizziness and other symptoms of central nervous system depression.

Signs and symptoms: Ingestion – Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Signs and symptoms: Skin – May cause irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Signs and symptoms: Eyes – May cause severe irritation.

Potential Chronic Health Effects: None known

Mutagenicity: Not hazardous by OSHA/WHMIS criteria.

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects: Not hazardous by OSHA/WHMIS criteria.

Sensitization to material: No data available to indicate product may be a sensitizer.

Specific target organ effects: Not Available.

Medical conditions aggravated by overexposure: Pre-existing skin and eye conditions.

Information on Route of Exposure Acute Toxicity:

Ingestion:	No effects known
Eye Contact:	No effects known
Skin Contact:	No effects known
Inhalation:	In large amounts can cause headache, nausea and mucous membrane irritation
Skin Corrosion/Irritation:	Not classified
Serious Eye Damage/Irritation:	Not classified
Respiratory or Skin Sensitisation:	Not classified
Germ Cell Mutagenicity:	Not classified
Carcinogenicity:	Not classified
Skin Corrosion/Irritation:	Irritating to skin.
Serious Eye Damage/Irritation:	Severely irritating and may cause irreversible eye damage if left untreated.
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity (STOT) – Single Exposure:	Not classified
Specific Target Organ Toxicity (STOT) – Repeated Exposure:	Not classified
Aspiration Hazard:	Not classified
Immediate, Delayed and Chronic Health Effects From Exposure:	None known

Information on routes of exposure:

Routes of entry-inhalation: YES	Routes of entry-skin & eye: YES
Routes of entry-Ingestion: YES	Routes of entry-skin absorption: YES

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:	No product data available.
Persistence and Degradability:	Not readily biodegradable.
Bioaccumulative Potential:	Low bioaccumulation potential.
Mobility in Soil:	Low sorption to soil/sediment, moderate migration to ground water.

Section 13. DISPOSAL CONSIDERATIONS

Disposal methods: Refer to Waste Management Authority. Dispose of contents/container in accordance with Local/regional/national/international regulations.

Section 14. TRANSPORT INFORMATION

UN No.: UN1993

UN Proper shipping name: Flammable liquid, N.O.S., (Isopropyl alcohol)

Transport hazard class: 3

Packing group: III

ERG: 154

Special Transportation Notes: Not regulated per alcohol exemption (CFR 49 173.150(e)) or Limited Quantity exemption (CFR 49 173.150(b)).

Marine Pollutants: This product does not contain Marine Pollutants as defined in CFR 49 171.8. 8

Section 15. REGULATORY INFORMATION

Poisons Schedule (SUSDP): Not applicable

All ingredients are listed in the Australia Inventory of Chemical Substances (AICS). This document has been produced in accordance with the requirements of the Globally Harmonised System of Classification and Labelling.

SARA Title III: Sec. 302, Extremely Hazardous Substances, 40 CFR 355:

No extremely hazardous substances are present in this material.

SARA Title III: Sec. 311 and 312, MSDS Requirements, 40 CFR 370 Hazard Classes:

Reactive Hazard, Acute Health Hazard, Chronic Health Hazard. Under SARA Section 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA Title III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372:

Section 16. OTHER INFORMATION

Date: SDS Issued 2nd March 2021

This MSDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If

clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier

Abbreviations and acronyms:

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail.

AICS: Australian Inventory of Chemical Substances.

CAS Number: Chemical Abstracts Service Registry Number.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

HAZCHEM: An emergency action code of numbers and letters which gives information to emergency services.

HSIS: Hazardous Substances Information System.

IARC: International Agency for Research on Cancer.

NOHSC: National Occupational Health and Safety Commission.

NTP: National Toxicology Program (USA).

SDS: Safety Data Sheet

STEL: Short Term Exposure Limit.

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.

TWA: Time Weighted Average.

UN Number: United Nations Number.

Literature references:

- Preparation of Safety Data Sheets for Hazardous Chemicals – Code of Practice (Safe Work Australia)
- GHS Hazardous Chemical Information List (Safe Work Australia)
- Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. Safe Work Australia.
- Global Harmonized System of Classification and Labelling of Chemicals • “Australian Exposure Standards”
- Australian Code for The Transport Of Dangerous Goods By Road And Rail
- Standard for the Uniform Scheduling of Medicines and Poisons
- Safety Data Sheets – individual raw materials – Suppliers.
- Approved Criteria for Classifying Hazardous Substances NOHSC:1008(1999)]
- Hazardous Substance Information System – National Worksafe Data Base.
- Hazardous Chemical Information System (HCIS).
- Implementation of the globally harmonised system of classification and labelling of chemicals (GHS).
- ECHA (European Chemicals Agency)

End