



MEDIGENE SURFACE SANITISER 101

SAFETY DATA SHEET - VERSION 1.0, 26TH MARCH 2020.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: Medigene Surface Sanitiser 101

RECOMMENDED USE: Sanitising hard surfaces

SUPPLIER NAME: VHS
ADDRESS: P.O. Box 13, Pokeno
AUCKLAND

Phone: +64 9 233 6007
Emergency Telephone: International: +643 479 7227
New Zealand: 0800 764 766 (NZ NATIONAL POISON CENTRE)

2. HAZARD IDENTIFICATION

HAZARD CLASSIFICATION: **HAZARDOUS** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)



Hazard statement: **WARNING**

HSNO classes: **6.1E, 6.3A, 6.4A, 6.5B, 9.1C**

Hazard statement codes:

- H227 Combustible liquid.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H333 May be harmful if inhaled.
- H412 Harmful to aquatic life with long lasting effects.

Prevention statements:

- P101 Keep packaging on hand if medical advice required.
- P102 Keep out of reach of children.
- P103 Read label before use.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P272 Contaminated work clothes should not leave of the workplace.
- P273 Avoid release to the environment.
- P280 Wear PPE gloves/clothing etc.

Response statement codes:

- P303 + P361 + P353 IF ON SKIN (or hair): Immediately remove contaminated clothing. Rinse skin with water/shower.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously for several minutes. REMOVE contact lenses if present and safe to do so. Continue rinsing.
- P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P304 + P340 IF INHALED: Breathe fresh air. Rest in a comfortable position.
- P310 Immediately call a POISON CENTER or doctor/physician if you are exposed, feel unwell, and/or symptoms persist.

Storage statement codes: None



Disposal Statement:

- P501 – Do not let this product enter the environment. Do not dispose of in waterways or sewers.
- Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.

HAZARD CATEGORY (GHS):

- Acute toxicity: Inhalation: Category 5
- Skin sensitization: Category 1
- Skin corrosion/irritation: Category 2
- Serious eye damage/eye irritation: Category 2A
- Aquatic toxicity (Chronic): Category 3

THE INFORMATION CONTAINED IN THIS SDS IS SPECIFIC TO THE PRODUCT WHEN HANDLED AND USED NEAT.

This product when diluted/mixed may not require the same control measures as the neat product. See section 16 for more information. Check with your technical representative if in doubt.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The ingredients below are considered either hazardous, dangerous goods or poison scheduled according to the criteria of SWA, AUG Code and SUSDP (respectively) at the levels used in the product.

| INGREDIENT | CAS No. | PROPORTION (% w/w) |
|------------------------------------|-----------|--------------------|
| Didecyl dimethyl ammonium chloride | 7173-51-5 | < 2% |

4. FIRST AID MEASURES

INGESTION: Rinse mouth out with water. Do NOT induce vomiting.

EYE CONTACT: Flush with water for several minutes. Remove contact lenses. Continue rinsing for at least 15 minutes.

SKIN CONTACT: Wash hands thoroughly after handling.

INHALATION: Remove from source of exposure to fresh air.

FIRST AID FACILITIES: Provide eye baths and safety showers close to areas where splashing may occur.

5. FIRE FIGHTING METHODS

GENERAL MEASURES: Clear fire area of all non-emergency personnel. Stay upwind. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk. Use water spray to cool unopened containers.

FLAMMABILITY CONDITIONS: May burn, but does not ignite readily.

EXTINGUISHING MEDIA: In case of fire, use dry powder, water spray or foam.

FIRE AND EXPLOSION HAZARD: Heating can cause expansion or decomposition of the material, which can lead to the containers exploding.

HAZARDOUS PRODUCTS OF COMBUSTION: When involved in a fire this product may generate toxic fumes of carbon monoxide, and carbon dioxide, unburned hydrocarbons (smoke).

SPECIAL FIRE FIGHTING INSTRUCTIONS: Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk. Do NOT allow fire fighting water to reach waterways, drains or sewers if possible, else flood with water.

PERSONAL PROTECTIVE EQUIPMENT: Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves) or chemical splash suit.

6. ACCIDENTAL RELEASE MEASURES

GENERAL RESPONSE PROCEDURE: Eliminate all sources of ignition. Increase ventilation. Avoid walking through spilled product as it may be slippery. Use clean, non-sparking tools and equipment. Avoid inhalation. Handle in accordance with good industrial hygiene and safety practice. Prevent entry into waterways, sewers, basements or confined areas if possible.

CLEAN UP PROCEDURES: Use clean non-sparking tools to collect absorbed material. Absorb or cover large spills with dry earth, sand or other non-combustible material and transfer to containers, or flood with plenty of water to dilute. Eliminate all sources of ignition.

CONTAINMENT: Stop leak if you can do it without risk.

ENVIRONMENTAL PRECAUTIONARY MEASURES: Do not allow product to reach drains, sewers or waterways. If large amounts of this product does enter a waterway, advise the Environmental Protection Authority or your local Waste Authority.

EVACUATION CRITERIA: Evacuate all unnecessary personnel.

PERSONAL PRECAUTIONARY MEASURES: Personnel involved in the clean up should wear full protective clothing as listed in section 8.



7. HANDLING AND STORAGE

HANDLING Ensure an eye bath is available and ready for use. Observe good personal hygiene practices and recommended procedures.

Avoid contact with eyes, skin and clothing. Do not smoke, eat or drink when handling product.

STORAGE Store upright in the original container in a cool, dry, well-ventilated protected area out of direct sunlight and away from food-stuffs. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Do not combine part containers of the same product. Emergency showers and eye-washes must be available.

CONTAINER Store in original packaging as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

GENERAL: No data available.

EXPOSURE LIMITS: No data available.

BIOLOGICAL LIMITS: No information available on biological limit values for this product.

ENGINEERING MEASURES: No data available.

PERSONAL PROTECTION EQUIPMENT:

RESPIRATOR: Gas filter for gases/vapours of organic compounds (boiling point . 65 Deg C, e.g EN 14387 type A) (AS1715/1716). **EYES:**

Safety glasses with side shields (frame goggles) (AS1336/1337). **HANDS:** Chemical resistant protective gloves (AS2161). **CLOTHING:**

Chemical-resistant coveralls and safety footwear (AS3765/2210).

HAND PROTECTION: Rubber gloves.

EYES: Wear safety glasses as minimum eye protection.

WORK HYGIENIC PRACTICES: Avoid contact with skin, eyes and clothing. Avoid inhalation of vapour.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: Liquid

APPEARANCE: Liquid

COLOUR: Blue

ODOUR: Unfragranced

pH: 7.2

RELATIVE DENSITY: No Data Available

FLASH POINT No Data Available

VAPOUR PRESSURE: No Data Available

VAPOUR DENSITY: No Data Available

BOILING POINT: No Data Available

FREEZING POINT: No Data Available

LOWER FLAMMABLE LIMIT: No Data Available

SOLUBILITY: Complete in water

SHELF LIFE: 2 years from date of manufacture (when stored as directed).

10. STABILITY AND REACTIVITY

GENERAL INFORMATION: Stable under normal conditions of use.

CHEMICAL STABILITY: The substance is stable under normal environmental and foreseeable conditions of temperature and pressure during storage and handling.

CONDITIONS TO AVOID: Avoid contact with foodstuffs. Do not combine part drums of the same product

MATERIALS TO AVOID: No information available.

HAZARDOUS DECOMPOSITION PRODUCTS: The packaging material may burn to emit noxious fumes.

11. TOXICOLOGICAL INFORMATION

ORAL: May cause temporary nausea and discomfort.

DERMAL: Causes skin irritation. May cause an allergic skin reaction.

INHALATION: Causes irritation. See a doctor if symptoms persist.

EYE: Causes serious eye irritation. Flush for 15 min with clean water.

CARCINOGENICITY: No information available.

MUTAGENICITY: No information available.

REPRODUCTIVE: No information available.

TARGET ORGAN: No adverse effects were observed after repeated exposure in animal studies.

LONG TERM: No risk.



12. ECOLOGICAL INFORMATION

ECOTOXICITY: Harmful to aquatic life with long lasting effects.
PERSISTENCE/DEGRADABILITY: Readily Biodegradable.
MOBILITY: No information available.
ENVIRONMENTAL FATE: Do not allow bulk drainage into sewer, streams or storm water systems if possible.
BIOACCUMULATION POTENTIAL: No information available.
ENVIRONMENTAL IMPACT: No information available.

13. DISPOSAL CONSIDERATIONS

GENERAL INFORMATION: Do not dispose of any product to the environment if possible. Dispose of in accordance with all local, regional and national regulations. All empty packaging should be disposed of in accordance with local, regional, and national regulations or recycled/reconditioned at an approved facility.
SPECIAL PRECAUTIONS FOR LANDFILL: Containers should be rinsed and disposed of in line with any requirements of the Resource Management Act for which approval should be sought from the Regional Authority.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT: NOT Classified as DANGEROUS GOODS by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

MARINE TRANSPORT: NOT Classified as DANGEROUS GOODS by International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT: NOT Classified as DANGEROUS GOODS by International Air Transport Association (IATA) for transport by air.

15. REGULATORY INFORMATION

COUNTRY/ REGION: New Zealand
APPROVAL CODE: None required
HSNO CLASSIFICATIONS: 6.1E, 6.3A, 6.4A, 6.5B, 9.1C

16. OTHER INFORMATION

SDS ISSUE NUMBER: 001
SDS ISSUE DATE: 26 March 2020
REASON(S) FOR ISSUE: New product
GROUP STANDARD: Not applicable
THIS ISSUE NUMBER REPLACES ALL PREVIOUS ISSUES. To be reviewed/updated within 5 years of the last date of issue.

LEGEND:

AS1336/1337: Industrial Eye Protection – Metric Units (Standards Australia).
AS1715/1716: Respiratory Protection Devices – Metric Units (Standards Australia).
AS2161: Industrial Safety Gloves and Mittens (Standards Australia).
CAS: Chemical Abstracts Service.
EC₅₀: Concentration which induces a response halfway between the baseline and maximum.
GHS: Globally Harmonised System.
HSNO: Hazardous Substances and New Organisms.
IMDG: International Maritime Dangerous Goods.
LC₅₀: Concentration required to kill half the members of a tested population after a specified duration.
LD₅₀: Dosage required to kill half the members of a tested population after a specified duration.
NOEC: No Observed Effect Concentration.
NZIOC: New Zealand Inventory of Chemicals.
SDS: Safety Data Sheet.

This SDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product, and how to safely handle and use the product in the work place. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact the company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request. This SDS may only be reproduced in full. Summaries or excerpts from this SDS may not contain all the relevant information and thus are not permitted.

End of SDS