



SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.08.2014

Revision: 28.08.2014

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: PINE KLENZ**Other Name:** Germicidal detergent/sanitiser**Recommended Use of the Chemical and Restriction on Use:** Farm disinfectant**Details of Manufacturer or Importer:**

DASCO Pty Ltd

24 - 26 Helen Street

Heidelberg Heights VIC 3081

Phone Number: (03) 9459 7004**Emergency telephone number:** 13 11 26 (Poisons Information Centre)

2 . HAZARDS IDENTIFICATION

Hazardous Nature: The product is not classified according to the Globally Harmonized System (GHS).**Label Elements****Signal Word** Void**Hazard Statements** Void

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures**Description:** No reportable hazardous substances or complex substances.**Hazardous Components:**

Quaternary ammonium compound	<10%
Non-ionic surfactant	<10%

4 . FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. 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. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

Ingestion: If swallowed, do not induce vomiting. Seek medical attention if symptoms occur.**Information for Doctor****Symptoms Caused by Exposure:**

Eye Contact: May cause redness, itching and pain.

Ingestion: May cause gastric upset with discomfort or pain, nausea, vomiting and diarrhoea.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water fog or fine water spray.**Specific Hazards Arising from the Chemical:**

No fire or explosion hazard exists.

Hazardous combustion products include oxides of carbon and traces of nitrogen oxides and hydrogen chloride.

(Contd. on page 2)



SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.08.2014

Revision: 28.08.2014

Product Name: PINE KLENZ

(Contd. of page 1)

Special Protective Equipment and Precautions for Fire Fighters:

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

6 . ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear Safe Work Australia approved full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

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.

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, out of reach of children. Keep container tightly closed when not in use. Protect from physical damage and direct sunlight. Keep away from oxidising agents, caustic alkalis and strong acids.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls:

Ensure adequate ventilation of the workplace. If handling industrial quantities, or if vapour/aerosol risk exists, provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour as low as possible.

Personal Protective Equipment (PPE):**Respiratory Protection:** Respiratory protection is not required under normal use conditions.**Skin Protection:**

Rubber or plastic 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.

Impervious overalls, plastic apron, sleeves and boots should be worn when handling industrial quantities. See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

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

(Contd. on page 3)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.08.2014

Revision: 28.08.2014

Product Name: PINE KLENZ

(Contd. of page 2)

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	
Form:	Mobile, frothing liquid
Colour:	Clear, blue
Odour:	Pine odour
Odour Threshold:	No information available
pH-Value:	About neutral
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	From about 100 °C
Flash Point:	Not applicable
Flammability:	Product is not flammable.
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapour Pressure:	No information available
Density:	No information available
Relative Density at 20 °C:	1 g/mL
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Miscible in all proportions
Partition Coefficient (n-octanol/water):	No information available
% Volatiles by Volume:	About 94 % (water)
VOC:	<1 % (perfume)

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: Oxidising agents, strong mineral acids and caustic alkalis.

Hazardous Decomposition Products: Traces of nitrogen oxides and hydrogen chloride.

11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:

Quaternary ammonium compound

Oral	LD ₅₀	240 mg/kg (rat)
	TDL ₀	266 mg/kg (human) (woman)

Acute Health Effects

Inhalation:

Inhalation of aerosols may cause respiratory irritation. Aspiration of froth into lungs during swallowing or vomiting may lead to chemical pneumonitis (irritation of lung tissue) and pulmonary oedema (fluid build up in lungs). Onset of symptoms may be delayed.

Skin: Not expected to be a hazard.

Eye: May be irritating to eyes. May cause redness, itching and pain.

(Contd. on page 4)

SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.08.2014

Revision: 28.08.2014

Product Name: PINE KLENZ

(Contd. of page 3)

Ingestion: May cause gastric upset with discomfort or pain, nausea, vomiting and diarrhoea.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**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:** This product does NOT contain any IARC listed chemicals.**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:** Repeated or prolonged skin contact may cause irritation and possible dermatitis.**Existing Conditions Aggravated by Exposure:** No information available

12 . ECOLOGICAL INFORMATION

Ecotoxicity:

May be harmful to aquatic organisms. Quaternary ammonium compounds are harmful to microorganisms. Contains a surfactant, local concentrations may be harmful to aquatic organisms, including fish.

Aquatic toxicity: No information available**Persistence and Degradability:**

The surfactant used in this product is not considered to be readily biodegradable.

Bioaccumulative Potential: No information available**Mobility in Soil:** No 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

15 . REGULATORY INFORMATION

Australian Inventory of Chemical Substances:

7732-18-5 | Water

(Contd. on page 5)



SAFETY DATA SHEET

According to Safe Work Australia

Printing date 28.08.2014

Revision: 28.08.2014

Product Name: PINE KLENZ

(Contd. of page 4)

16 . OTHER INFORMATION

Creation Date: 28.08.2014**Last Revision of MSDS:** 01.09.2009**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

VOC: Volatile Organic Compounds

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)

Disclaimer

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

The information contained in this material safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. DASCO Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.