



SAFETY DATA SHEET

DISINFECTANT ECLIPSE

Infosafe No.: 7EFAM
ISSUED Date : 01/11/2016
ISSUED by: JASOL NEW ZEALAND

CLASSIFIED AS HAZARDOUS

1. IDENTIFICATION

GHS Product Identifier

DISINFECTANT ECLIPSE

Product Code

2042340, 2042330, 2044220, 710819,

Company Name

JASOL NEW ZEALAND

Address

81 Leonard Road
Mt. Wellington Auckland
1060 New Zealand

Telephone/Fax Number

Tel: +64 9 580 2105
Fax: +64 9 571 4388

Emergency phone number

0800 243 622

Emergency Contact Address

North Island:
81 Leonard Road, Mt. Wellington, Auckland 1060
Phone: +64 9 5802105
Fax: +64 9 5714388

South Island:
105 Rutherford Street, Christchurch 8023
Phone: +64 3 3844433
Fax: +64 3 3844431

(24 hour a day available)

0800 243622

E-mail Address

jasolnzorders@gwf.com.au

Recommended use of the chemical and restrictions on use

Odour masking disinfectant.

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

6.1E (Oral) - Substance that is acutely toxic

- 6.3A Substance that is irritating to the skin
- 6.4A (Mild irritant) - Substance that is irritating to the eyes
- 6.5A Substance that is a respiratory sensitiser
- 6.5B Substance that is a contact sensitiser
- 6.9B (Single exposure) - Substance that is harmful to human target organs or systems
- 9.1B Substance that is ecotoxic in the aquatic environment

Signal Word (s)

DANGER

Hazard Statement (s)

- H303 May be harmful if swallowed.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H320 Causes eye irritation.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H371 May cause damage to organs.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statement (s)

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.

Pictogram (s)

Exclamation mark, Health hazard, Environment



Precautionary statement – Prevention

- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 Wash contaminated skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P285 In case of inadequate ventilation wear respiratory protection.

Precautionary statement – Response

- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- 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).
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
- P362 Take off contaminated clothing and wash before reuse.

Precautionary statement – Storage

- P405 Store locked up.

Precautionary statement – Disposal

- P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided. See Section 13 for disposal details.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Benzalkonium chloride	8001-54-5	1-5%
PINE OIL	---	Not specified
PERFUME	---	Not specified
Surfactants determined to be not hazardous	-	Not Specified
Blue Dye	-	Not specified
Yellow Dye	-	Not Specified
Water	7732-18-5	Remainder

4. FIRST-AID MEASURES

Inhalation

If inhaled, remove from contaminated area. Other measures are usually unnecessary..

Ingestion

If swallowed, do NOT induce vomiting. For advice, contact the National Poisons Centre at 0800 764 766 (0800 POISON) or +64 3 479 7248 or a doctor (at once).

Skin

If skin or hair contact occurs, remove contaminated all clothing and flush skin and hair with running water (and soap if available). If irritation occurs, seek medical attention.

Eye contact

If in eyes, hold eyelids apart and flush continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes. Seek medical attention.

First Aid Facilities

Eye wash facilities and safety shower should be available.

Advice to Doctor

1. Most Important Symptoms and Effects, Both Acute and Delayed:

No adverse health effects expected if the product is handled in accordance with this MSDS and the product label.

2. Immediate Medical Attention and Special Treatment Needed:

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Product contains a substantial proportion of water. Extinguishing media appropriate for surrounding fire.

Specific Hazards Arising From The Chemical

Non-combustible material. Not considered significant fire risk. Heat may cause expansion or decomposition with violent rupture of containers. May evolve toxic gases (carbon/nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition

Hazchem Code

None allocated.

Decomposition Temperature

Not available

Other Information

Advice for Firefighters:

Wear full protective equipment including Self Contained Breathing Apparatus when combating fire. Use waterfog to cool intact containers and nearby storage areas.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Avoid contact with skin and eyes and breathing vapours. Control personal contact by using protective equipment.

Methods And Materials For Containment And Cleaning Up

Contain and absorb using sand, earth, inert material or vermiculite. Place into labelled containers for disposal

Environmental Precautions

Prevent from entering drains and waterways

Other Information

Reference to Other Sections:

See Sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. DO NOT allow clothing wet with material to stay in contact with skin.

Conditions for safe storage, including any incompatibilities

Container:

Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.

Storage:

Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls, Personal Protection

Source: New Zealand Workplace Standards (WES)

The following materials had no exposure limits (OEL) on our records:

Material	TWA	STEL	Peak
benzalkonium chloride	-	-	-
pine oil	-	-	-
water	-	-	-

Occupational exposure limit values

No Exposure Limit Established

Appropriate Engineering Controls

General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in special circumstances.

Personal Protective Equipment

Eye / Face:

Safety glasses with side shields. Chemical goggles.

Hands:

Wear PVC or rubber gloves.

Body:

When using large quantities or where heavy contamination is likely, wear coveralls.

Respiratory:

Not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form

Liquid

Appearance

Liquid

Colour

Light Green

Odour

Spicy

Decomposition Temperature

Not available

Melting Point

Not available

Boiling Point

Not available

Solubility in Water

Miscible

Specific Gravity

1.0

pH

pH (1% solution): Not available

pH (as supplied): 6 - 7

Vapour Pressure

Not available

Vapour Density (Air=1)

Not available

Evaporation Rate

Not available

Viscosity

Not available

Volatile Component

Not available

Flash Point

Not applicable

Auto-Ignition Temperature

Not available

Flammable Limits - Lower

Not applicable

Flammable Limits - Upper

Not applicable

10. STABILITY AND REACTIVITY

Reactivity

Stable under recommended storage conditions

Chemical Stability

Stable under recommended storage conditions

Conditions to Avoid

Avoid contact with foodstuffs.

Incompatible materials

Benzalkonium chloride is reportedly incompatible with soaps and other anionic surfactants, citrates, iodides, nitrates, permanganates, salicylates, silver salts, and tartrates.

Hazardous Decomposition Products

Water vapour, carbon dioxide, oxides of nitrogen, trace of hydrogen chloride

Possibility of hazardous reactions

Hazardous polymerization will not occur

11. TOXICOLOGICAL INFORMATION

Toxicology Information

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

Ingestion

Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.

Inhalation

Over exposure to vapours may result in irritation of the nose and throat, coughing, nausea and headache.

Skin

Not thought to produce adverse health effects or skin irritation following contact.

Eye

Contact may result in irritation, lacrimation, pain and redness

Chronic Effects

Repeated skin contact with the concentrate may lead to dermatitic effects.

Other Information

Toxicity data:

No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid contamination of waterways.

Persistence and degradability

No information available.

Mobility

No information available

Bioaccumulative Potential

Low.

Other Adverse Effects

Benzalkonium chloride derivatives/quaternary ammonium compounds are commonly used as disinfectants, indicating toxicity to microorganisms.

13. DISPOSAL CONSIDERATIONS

Waste Disposal

This material and its container must be disposed of as hazardous waste.

Local Legislation

Recycle where possible otherwise ensure that:

- Licenced contractors dispose of the product and its container.
- Disposal occurs at a licenced facility.

14. TRANSPORT INFORMATION

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None allocated.

Sub.Risk

None allocated.

Hazchem Code

None allocated.

UN Number (Sea Transport)

None allocated.

UN Number (Road Transport)

None allocated.

UN Number (Air Transport, ICAO)

None allocated.

IATA/ICAO Hazard Class

None allocated.

IATA/ICAO Packing Group

None allocated.

IATA/ICAO Sub Risk

None allocated.

LIMITED QUANTITY - Max Net Quantity/Pkge

None allocated.

IMDG UN No

None allocated.

IMDG Hazard Class

None allocated.

IMDG Sub. Risk

None allocated.

IMDG Pack. Group

None allocated.

IMDG Subsidiary Risk

None allocated.

IMDG Marine pollutant

Yes

IMDG EMS

None allocated.

15. REGULATORY INFORMATION

National and or International Regulatory Information

This substance should be managed in accordance with the requirements specified in the Cleaning Products (Subsidiary Hazard) Group Standard 2006.

benzalkonium chloride (CAS: 8001-54-5) is found on the following regulatory lists;

"New Zealand Hazardous Substances and New Organisms (HSNO) Act - Chemicals (single components)", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Pesticides", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Timber Preservatives, Antisapstains and Antifouling Paints", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Veterinary Medicines", "New Zealand Inventory of Chemicals (NZIoC)".

pine oil (CAS: 8002-09-3) is found on the following regulatory lists;

"GESAMP/EHS Composite List - GESAMP Hazard Profiles", "IMO IBC Code Chapter 17: Summary of minimum requirements", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Dangerous Goods", "New Zealand Hazardous Substances and New Organisms (HSNO) Act - Pesticides", "New Zealand Inventory of Chemicals (NZIoC)", "OECD Representative List of High Production Volume (HPV) Chemicals".

water (CAS: 7732-18-5) is found on the following regulatory lists;

"IMO IBC Code Chapter 18: List of products to which the Code does not apply", "New Zealand Inventory of Chemicals (NZIoC)", "OECD Representative List of High Production Volume (HPV) Chemicals".

HSNO Approval Number

HSR002530.

Other Information

Specific advice on controls required for materials used in New Zealand can be found at <http://www.epa.govt.nz/hazardous-substances/approvals/Pages/default.aspx>.

16. OTHER INFORMATION

Date of preparation or last revision of SDS

01/11/2016

Technical Contact Numbers

24 Hour Emergency Contact: 0800 CHEMCALL (0800 243 622)

New Zealand Poisons Information Centre: 0800 POISON (0800 764 766)

New Zealand Emergency Services: 111

Other Information

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Jasol NZ cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Jasol NZ representative or Jasol NZ at the contact details on page 1.

Jasol NZ's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

END OF SDS

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