

SAFETY DATA SHEET

Product Name LOTUS COMMERCIAL/HOUSEHOLD BLEACH 4.2%

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name **Dowco Associates**
Address 62 Riverbank Road, Otaki
Telephone +64 6 364 5767
Fax +64 6 364 5768
Emergency 0800 243 622

Synonym(s) 5LT, 20L, 200L, 1000L

Use(s) BLEACH, SANITISER, WHITENER

SDS Date 03 JANAUARY 2021

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO HAZARDOUS SUBSTANCES [CLASSIFICATION] REGULATIONS 2001

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA

| | | | | | |
|----------------------|----------------|---------------------|----------------|---------------------------|----------------|
| UN No. | None Allocated | DG Class | None Allocated | Subsidiary Risk(s) | None Allocated |
| Packing Group | None Allocated | Hazchem Code | None Allocated | EPG | None Allocated |

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient | CAS NO. | Content |
|---------------------|-----------|---------|
| Sodium Hypochlorite | 7681-52-9 | 32.5% |
| Water | 7732-18-5 | 67.5% |
| | | |
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4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre on 0800 764 766 (0800 POISON) OR +643 479 7248 (New Zealand) or a doctor, or for at least 15 minutes.

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Ingestion For advice, contact a Poisons Information Centre on 0800764 766 (0800 POISONS) or +643 479 7248 (New Zealand) or a doctor (at once). If swallowed, do not induce vomiting.

Advice to Doctor Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Flammability Non flammable and will not burn. Oxidising Agent will react with organic materials. Store away from sources of combustion, heat, Solvents, oils, etc

Fire and Explosion Treat as per requirements for Surrounding Fires: Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Prevent contamination of drains or waterways.

Hazchem Code None Allocated.

6. ACCIDENTAL RELEASE MEASURES

Spillage Use personal protective equipment. Contain spillage, then cover/absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. CAUTION: Spill site may be slippery.

7. STORAGE AND HANDLING

Storage No special requirements for the storage of this product.

Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Stds

| Ingredient | Reference | TWA | | STEL | |
|------------|-----------|-----|-------|------|-------|
| | | ppm | mg/m3 | ppm | mg/m3 |
| | | | | | |
| | | | | | |

Engineering Controls Avoid inhalation. Use in well ventilated areas.

PPE Personal Protective Equipment is not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------|---|------------------------------|--------------------|
| Appearance | Water white to Pale Straw Coloured Liquid | Solubility (Water) | Soluble |
| Odour | Chlorine like Odour | Specific Gravity | 1.0(Approximately) |
| pH | 7.0 – 8.5 | % Volatiles | <5%(Water) |
| Vapour Pressure | 18 mm Hg @ 20°C | Flammability | NON-FLAMMABLE |
| Vapour Density | NOT AVAILABLE | Flash Point | NOT RELEVANT |
| Boiling Point | 100°C (Approximately) | Upper Explosion Limit | NOT RELEVANT |
| Melting Point | <0°C | Lower Explosion Limit | NOT RELEVANT |
| Evaporation Rate | AS FOR WATER | | |

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage.

Conditions to Avoid Avoid mixing with other chemicals and bleach.

Material to Avoid Compatible with most commonly used materials.

Hazardous Decomposition Products May evolve toxic gases if heated to decomposition.

Polymerization Polymerization will not occur.

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

- Ingestion:** Swallowing may result in irritation of the gastrointestinal tract
- Eye contact:** An eye irritant. Contamination of eye can result in permanent injury
- Skin contact:** Contact with skin may result in irritation
- Inhalation:** No hazardous reactions when stored and handled correctly
- Long Term Effect:** No Information available for the Product

12. ECOLOGICAL INFORMATION

Environment This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Waste Disposal For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information. If larger amounts are involved. prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.

Legislation Disposal of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

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| | | | | | |
|----------------------|----------------|---------------------|----------------|---------------------------|----------------|
| Shipping Name | None Allocated | | | | |
| UN No. | None Allocated | DG Class | None Allocated | Subsidiary Risk(s) | None Allocated |
| Packing Group | None Allocated | Hazchem Code | None Allocated | EPG | None Allocated |

15. REGULATORY INFORMATION

Approval Code NON-HAZARDOUS

Group Name NON-HAZARDOUS

16. OTHER INFORMATION

Issue Date: 03 JANUARY 2021

Supersedes Date: 03 JANUARY 2019

MSDS Status: Revised

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SDS Date: 03 JANUARY 2021