

# Safety Data Sheet

## SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name/Identifier** Sparks Dishwashing Liquid

**Product Code** D6003 / D6004

**Product Use** For manual dishwashing, glass and ware washing, and other general cleaning purposes

**Company Information** Sparks Cleantech Pte Ltd  
11 mandai Estate, 08-03  
Singapore 729908  
+65 8606 4088  
[info@sparks.sg](mailto:info@sparks.sg)

**Emergency Contact** +65 8606 4088

## SECTION 2 HAZARDS IDENTIFICATION

### GHS CLASSIFICATION

Health		Environmental	Physical
Acute Toxicity (Oral)	Category 4	Not Classified	Not Classified

### GHS LABEL:



### Hazard Statements:

H302 Harmful if swallowed

### Prevention:

P264 Wash face, hands and any exposed skin thoroughly after handling  
P270 Do not eat, drink or smoke when using this product

### Response:

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
P330 Rinse mouth.

## SECTION 3 COMPOSITIONS / INFORMATION ON INGREDIENTS

Chemical Identity	CAS #	EINECS #	Weight %
Sodium Lauryl Sulfate	151-21-3	205-788-1	<3
Non-hazardous Materials	Mixture	-	>90

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## **SECTION 4 FIRST AID MEASURES**

### **Eye Contact**

Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open. If redness, swelling, pain and blister occur, transport to the nearest medical facility for additional treatment.

### **Skin Contact**

Wash exposed area thoroughly with soap and water. If redness, swelling, pain and blister occur, transport to the nearest medical facility for additional treatment.

### **Inhalation**

Remove the victim into fresh air. Seek for medical treatment in the event of symptoms.

### **Ingestion**

Seek medical advice immediately. Rinse mouth with water and do not induce vomiting.

## **SECTION 5 FIRE FIGHTING MEASURES**

### **Suitable Extinguishing Media**

Use extinguishing agents appropriate for surrounding fire.

### **Unsuitable Extinguishing Media**

Not determined.

### **Specific Hazards Arising from the Chemical**

Produce irritating or toxic gases in a fire.

### **Protection for Fire-fighters**

Evacuate personnel to safe areas. Intervention only by capable personnel who are trained and aware of the hazards of the product. In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Clean contaminated surface thoroughly.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions and Protective Equipment**

Refer to protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to do so. Keep away from incompatible products. Isolate the area.

### **Environmental Precautions**

Prevent discharges into the environment (sewers, rivers, soils). Immediately notify the appropriate authorities in case of discharge.

### **Method for Cleaning Up & Containment**

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Call for assistance for disposal.

### **Emergency Procedures**

Shut off leaks, if possible without personal risks. Prevent from spreading or entering drains, ditches or rivers by using sand, earth or other appropriate barriers. Take precautionary measures against static discharge. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Monitor area with combustible gas indicator.

## **SECTION 7 HANDLING AND STORAGE**

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## **Precautions for Safe Handling**

Do not eat, drink or smoke in work area. Avoid contact with eye, skin and clothing. After handling, always wash hands thoroughly with soap and water. Use only with adequate ventilation. Avoid breathing vapors or spray mists. Avoid large quantities of material into live electrical motors and other such equipments.

## **Conditions for Safe Storage**

Keep container dry. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place.

Storage Temperature: Ambient

Storage/Transport Pressure: Atmospheric

## **SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Engineering Controls**

Ensure adequate ventilation. Provide appropriate exhaust ventilation at machinery. Refer to protective measures listed in sections 7 and 8. Apply technical measures to comply with the occupational exposure limits.

### **Personal Protective Equipment (PPE)**

#### **Eye Protection**

Eye protection is not required under normal conditions of use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

#### **Skin Protection**

No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc) over parts of the body subjected to exposure. Launder soiled clothes. Proper dispose of contaminated leather articles including shoes, which cannot be decontaminated. Use rubber gloves if necessary.

#### **Respiratory Protection**

In the case of hazardous fumes, wear self-contained breathing apparatus. Self-contained breathing apparatus in medium confinement / insufficient oxygen / in case of large uncontrolled emissions/in all circumstances when the mask and cartridge do not give adequate protection.

#### **Thermal Hazards**

NA

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Fluorescent yellow

**Odour:** Lime

**Odour Threshold:** NA

**PH:** 6-8

**Melting Point/ Freezing Point (°C):** Not determined

**Initial Boiling Point and Range (°C):** Not determined

**Flash Point (°C):** No flash point detected (From ambient temperature to 93°C)

**[ISO 3679, Closed Cup Testing]**

**Evaporation Rate:** Not determined

**Flammability (Solid, Gas):** Not applicable

**Upper/Lower Flammability:** Not determined

**(Explosive) Limits**

**Vapour Pressure:** Not determined

**Vapour Density:** Not determined

**Relative Density:** 1.00 ± 0.03

**Solubility in Water:** Soluble

**Partition Coefficient:** Not determined

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(N-Octanol/Water)

**Auto-ignition Temperature (°C):** Not determined

**Decomposition Temperature:** Not determined

**Viscosity (mPa s):** Not determined

## SECTION 10 STABILITY AND REACTIVITY

### Reactivity/Incompatible Materials

Oxidizing agents.

### Chemical Stability

Stable at normal conditions of use.

### Possibility of Hazardous Reactions

Not determined

### Hazardous Decomposition Products

Not determined

### Conditions to Avoid

Not determined

### Materials to Avoid

Oxidizing agents.

## SECTION 11 TOXICOLOGICAL INFORMATION

**Ingredient Name:** Sodium Lauryl Sulfate

### Acute Health Effects

#### Swallowed

Causes gastrointestinal tract irritation with nausea, vomiting, hypermotility, diarrhea, and bloating. May also affect behavior (ataxia, somnolence), and cardiovascular system.

LD50, rat = 1200 mg/kg

#### Eye

Causes moderate eye irritation.

#### Skin

Causes mild to moderate skin irritation. May cause allergic reaction (dermatitis).

#### Inhaled

Material is irritating to mucous membranes and upper respiratory tract. May cause allergic respiratory reaction.

### Chronic Health Effects

Skin: Prolonged or repeated skin contact may cause allergic dermatitis. Ingestion: Prolonged or repeated ingestion may affect the liver. Inhalation: Prolonged or repeated inhalation may cause allergic respiratory reaction (asthma).

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

No data available

### Persistence/Degradability

Not expected to bio-accumulate significantly

### Bio accumulative Potential

Not expected to bio-accumulate significantly

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## SECTION 13 DISPOSAL CONSIDERATIONS

### Local Legislation

Dispose in compliance with local/federal and national regulations. It is recommended to contact the producer for recycling/recovery. Or send the product to an authorized hazardous waste incinerator.

### Container Disposal

To avoid treatments, as far as possible, use dedicated containers. If not, rinse the empty containers with a low volatility hydrocarbon and treat the effluent in the same way as waste. Containers that cannot be cleaned must be treated as waste.

## SECTION 14 TRANSPORT INFORMATION

### Land (ADR)

UN Number: Not Regulated  
UN Class: NA  
Subsidiary Risk: NA Packing  
Group: NA  
Proper Shipping Name: NA  
HIN: NA

### Sea (IMDG)

UN Number: Not Regulated  
UN Class: NA  
Subsidiary Risk: NA Packing  
Group: NA  
Proper Shipping Name: NA  
HIN: NA

### Sea (Annex II of MARPOL 73/78 and the IBC Code)

Pollution Category: NA  
Ship Type: NA  
Product Name: NA

### Air (IATA)

UN Number: Not Regulated  
UN Class: NA  
Subsidiary Risk: NA  
Packing Group: NA Proper  
Shipping Name: NA

### Special precautions

Before transportation, make sure the containers are tightly sealed and that there are no liquid or gas leaks.

When transporting containers, be sure that they are tightly fastened. An appropriate buffer material should be placed between them to prevent them from bumping each other and being damaged during transport.

## SECTION 15 REGULATORY INFORMATION

### Applicable national regulations:

#### Standards on Hazard communication for hazardous chemicals and dangerous goods

SS 586: Part 1: 2014-Transport and storage of dangerous goods  
SS 586: Part 2: 2014-GHS of classification and labelling of chemicals  
SS 586: Part 3: 2008-Preparation of safety data sheet

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**MOM: Workplace Safety and Health Act & Workplace Safety and Health (General Provisions) Regulations**

This product is subjected to SDS, labelling, PEL and other requirements in the Acts/Regulations.

**NEA: Environmental Protection and Management Act & Environmental Protection and Management (Hazardous Substances) Regulations**

This product is not subject to control under this Acts/Regulations.

**SCDF: Fire Safety Act & Fire Safety (Petroleum and Flammable Materials) Regulations**

This product is not subjected to the requirement of this Acts/Regulations.

**SPF: The Arms and Explosive Act, the Arms and Explosives (Explosives) Rules, and the Arms and Explosives (Explosive Precursors) Rules**

This product is not subjected to the requirement of this Acts/Regulations

## **SECTION 16 OTHER INFORMATION**

This product is intended for use by skilled individuals at their own risk. The information, data and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. The company / manufacturer makes no representations as to the completeness or accuracy of the Information and disclaims responsibility for any reliance thereon. The information is provided upon the condition that the persons receiving will make their own determination as to its suitability for their purposes prior to use. Any use of the Information must be determined by the user to be in accordance with applicable Federal, state and local laws and regulations. In no event will the company / manufacturer be responsible for damages of any nature whatsoever resulting from the use or reliance upon the Information.

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