

Material Safety Data Sheet

SunClean Automatic Dishwash

1. Production Description

- **Product Name:** Automatic Dishwash
- **Application of the substance:** Machine Dishwashing Liquid
- **Manufacturer/Supplier:**
Sun Clean Cleaning Ind. LLC
P.O. Box 41475,
SHARJAH – UAE
Tel: +971 (6) 535 20 60
Fax: +971 (6) 534 90 35
www.sun-cleaning.com

Product information:

Tel: +971 (6) 534 90 25
Email: detergents@sun-cleaning.com

2. Hazards identification

- **Primary Routes(s) Of Entry** Eye Contact, Skin Contact, Inhalation and ingestion.
- **Eye Hazards** Severe burns with the possibility of impairment of vision.
- **Skin Hazards** Severe burns.
- **Ingestion Hazards** May cause transient gastrointestinal irritation.
- **Inhalation Hazards** Vapor is irritating to the lungs.

3. Composition / information on ingredients

The product is a blend of the following components.

#	Ingredients	R-phrases	S-phrases
CAS: 9004-82-4	Sodium Laureth Ether Sulfate	R36/38	S26, S37/39
CAS: 1322-98-1	Linear Alkylbenzene Sulfonic Acid	R22, R34/35	S26, S28, S36/37/39
CAS: 7601-54-9	Trisodium Phosphate		
CAS: 1310-73-2	Sodium Hydroxide	R35	(S1/2), S26, S37/39, S45
CAS: 61789-40-0	Cocamidopropyl betaine		
CAS: 67-63-0	Isopropyl alcohol	R11 R36 R67	S7 S16 S24 S25 S26

4. First aid measures

In case of contact or suspicion of contact, prompt attention is absolutely necessary.

Material Safety Data Sheet

SunClean Automatic Dishwash

Eye: In case of contact with eyes, immediately flush with cool water for 15-30 minutes. Get medical attention immediately.

Skin: In case of contact with skin, immediately flush with large quantities of cool water while removing contaminated clothing and shoes until all acid is removed, paying particular attention to skin under nails. Get medical attention immediately. Wash clothing before reuse.

Ingestion: If swallowed, avoid causing vomiting. Give immediately, large quantities of water, milk, milk of magnesia or eggs beaten with water. Never give anything by mouth to an unconscious person.

Inhalation: If inhaled, immediately carry patient to fresh air and administer oxygen as soon as possible. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention immediately.

Other: **KEEP OUT OF REACH OF CHILDREN."**

5. Fire and explosion

Flash Point: None °F (Liquid is non-flammable).
Auto-ignition Point: NE °F NE °C
Flammability Class: Non-flammable

Extinguishing Media

Carbon Dioxide, dry chemical, foam or water, Class A, BC, or ABC fire extinguishers.

Special Fire Fighting Procedures

Pressure demand self-contained respiratory equipment. There is a latent fire or explosion hazard when in contact with metals due to generation of hydrogen gas. Wear full protective clothing with mask with ammonia vapor canister.

Unusual Explosion Hazard

Pressure may develop in closed containers if temperatures over 150°F are achieved. Water may be used to cool adjacent containers.

6. Accidental release measures

Respiratory Protection (Specific Type)

Use NIOSH approved respiratory equipment. For emergencies use a self-contained breathing apparatus.

Ventilation	Industrial Exhaust
Protection Gloves	Rubber gloves
Eye Protection	Chemical safety goggles and full face shield.
Other Protective Clothing / Equipment	Rubber boots, apron, gauntlets, and/or rubber acid suit.

Environmental Precautions: DISPOSAL IS TO BE PERFORMED IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL REGULATIONS.

In Case Material Released/ Spilled:

Steps to be taken in Case Material is Released or Spilled

Small quantities may be flushed with copious quantities of water; in case of larger spills, contain liquid. Use limestone, lime or soda ash to cautiously.

Waste Disposal Method

Dispose of in accordance with all federal, state and local regulations after neutralizing.

Precautions To Be Taken In Handling And Storing

Material Safety Data Sheet

SunClean Automatic Dishwash

Prevent all contact with eyes or skin. Avoid breathing irritating vapors. Storage between 40°F and 80° F are recommended. Store only in approved containers. (Avoid glass and most metals).

7. Handling and storage

Handling Precautions:	Keep out of reach of children. Do not inhale. Avoid contact with skin and eyes. Do not taste or swallow. Wash thoroughly after handling.
Storage Precautions:	Keep containers tightly closed.
Work/Hygienic Practices:	Wash thoroughly after handling. Avoid any kind of skin or eye contact.

8. Reactivity Data

Stability:	Stable
Hazardous Polymerization:	None known.
Incompatible Materials:	None known.

9 Physical and chemical properties

Physical State:	Liquid
Appearance:	Pink
Odor:	Slight
Melting Point:	Not determined
Boiling Point:	Not determined
Flash Point:	Not determined
Chemical Type:	Mixture
Inflammability:	Non inflammable
Percent VOCs:	1.4
pH Value:	12.0 - 13.0
Solubility:	Complete

10. Stability and reactivity

Stability:	Stable
Hazardous Polymerization:	None
Incompatible Materials:	Avoid strong oxidizing and reducing agents. Avoid contact with strong acids.
TOXICOLOGICAL INFORMATION:	No Data Available
ECOLOGICAL INFORMATION:	No Data Available

11. Toxicological information

No Data Available

12. Ecological information

No Data Available

Material Safety Data Sheet

SunClean Automatic Dishwash

13. Disposal considerations

- Disposal must be made according to official regulations.
- Empty contaminated packaging thoroughly. They can be recycled after thorough and proper cleaning.

14. Transport information

The finished product is non-hazardous under DOT.

15. Regulatory information

Code letter and hazard designation of product:



Xi Irritant
R 36 Irritating to eyes
R 37 Irritating to respiratory system
R 38 Irritating to skin

Risk phrases:

- 22** - Harmful if swallowed
- 34** - Causes burns
- 35** - Causes severe burns
- 36** – irritant to eyes.
- 37** – irritant to respiratory system
- 38** – irritant to skin
- 67** - Vapors may cause drowsiness and dizziness

Safety phrases:

- 1 / 2** – Keep locked up and out of reach of children
- 7** - Keep container tightly closed
- 13** – Keep away from food, drink and animal foodstuffs
- 24 / 25** – Avoid any inhalation, contact with skin and eyes. Wear suitable protective clothing and gloves.
- 26** – Avoid contact with eyes, rinse immediately with plenty of water and seek medical advice
- 28** - After contact with skin, wash immediately with plenty of water
- 36 / 37 / 39** - Wear suitable protective clothing, gloves and eye/face protection
- 46** - If swallowed, seek medical advice immediately and show this container or label.

16 Other information

Relevant R-phrases

- 41 - Risk of serious damage to eyes.
- 42 - May cause sensitisation by inhalation.

Disclaimer:

The above information is to the best of our knowledge, current, accurate, and complete based on information reasonably available to us as of the date of preparation of this form. However, it is the user's responsibility to determine the safety, toxicity and suitability for their own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by us to the effects of such use or on the safety or toxicity of this product. Nor do we assume any liability arising out of use by others of the product. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when exception conditions or circumstances exist or because of applicable laws or regulations.