

Material Safety Data Sheet

Product Name: **DS-1 COMMERCIAL Detergent**

2 Pages

IDENTIFICATION OF MATERIAL

Single substance or mixture:	Mixture
Primary components:	Non-ionic surfactant, grade 2 alcohol ethoxylate, sodium percarbonate, sodium carbonate, organic chelate
Content:	100%
ENCs No.:	3-1884, 1-164, 1-143, others
UN classification:	Not applicable
UN No.	Not applicable

HAZARD AND TOXICITY CLASSIFICATION

Classification name:	Living tissue irritant
Hazard:	Nonflammable
Adverse human health effects:	Use caution to prevent irritation of the skin, eyes, and body.
Environmental effects:	Neutralized substance decomposes gradually in the natural environment.

FIRST-AID MEASURES

Contact with eyes:	Wash the eyelid and eye with clean water for a minimum of 15 minutes. When washing, lift up the eyelid to ensure that water reaches the whole surface of the eye. Then immediately seek medical attention from an eye doctor.
Contact with skin:	Immediately remove any clothing, shoes, or other items which the substance contacted. Continually rinse the affected skin with warm or cold water, and wash until the irritation has disappeared.
Inhalation:	Immediately transport the affected person into fresh air. Seek medical attention as necessary.

HAZARD INFORMATION

Not ignitable.

STABILITY AND REACTIVITY

Reacts with acidic substances.

ADVERSE HUMAN HEALTH EFFECTS INFORMATION

Irritant:	Skin irritant Eye: Alkali substance irritates skin and mucous membranes.
Acute toxicity:	For oral toxicity, refer to the data on the following page.

ENVIRONMENTAL EFFECTS INFORMATION

Degradability:	99.8% natural decomposition (approximately 2 weeks)
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PRECAUTIONS FOR TRANSPORT

When transporting, verify that there is no leakage from the containers. Load in such a way as to prevent the containers from tipping over, falling, or being damaged, and take sure steps to prevent the load from collapsing.

REGULATORY INFORMATION

No particular regulations apply.

FIREFIGHTING AGENT

Not applicable because the substance is nonflammable.

DS-1 ACUTE ORAL TOXICITY (LD50)

DS-1 acute oral toxicity (LD-50) as follows.

DS-1: <4560 mg/kg> [Rat]

Sodium chloride: <3000 mg/kg> [Rat]

Arsenic: Not detected

Heavy metals: Not detected

MANUFACTURER

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