



SAFETY DATA SHEET (SDS)

Complies with OSHA's Hazard Communication Standard 2012 and the Global Harmonized Standard (GHS).

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Section 1 : Identification

Product Identification: General Purpose Cleaner

Item Number: SO-9400

Manufactured by:

Mydent International

80 Suffolk Court
Hauppauge, NY 11788
www.defend.com

Telephone: 1-800-275-0020

Emergency: Chemtrec 1-800-424-9300

Recommended use: Ultrasonic cleaning of dental and medical instruments.

Section 2 : Hazard(s)

Classification of the substance or mixture:

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Eye irritation (Category 2A)

Acute Toxic Oral (Category 5)

Acute Toxic Dermal (Category 5)



Warning (Irritant: Skin / Eye)

Hazard Statements

H303 May be harmful if swallowed
H315 Causes Skin Irritation
H319 Causes serious eye irritation

Precautionary Statements

P280 Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P313 Skin irritation/Eye irritation: Get medical advice/attention
P352 For skin: Wash with plenty of soap and water

Hazard Summary: Product contains surfactants, sodium salts (EDTA). Very low hazard when used according to label directions. Intended Use: Ultrasonic cleaning of dental and medical instruments.

Section 3 : Composition / information on Ingredients

Hazardous Ingredient(s)	CAS #	Exposure	PEL, TLV, TWA	%
Nonionic surfactant	[9016-45-9]	NE		< 1
Tetrasodium salt of ethylenediamine tetraacetic acid (EDTA)	[64-02-8]	OSHA PEL: 2 MG/M3, ACGIH TLV: C 2 MG/M3		< 10
2,2',2'-Nitritotriethanol	[102-71-6]	ACGIH TWA: 5 mg/m3		< 5



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Section 4 : First-aid measures

EMERGENCY FIRST AID PROCEDURES

SKIN: Flush area with water for 15 minutes. If irritation persists seek medical attention.

EYE: IMMEDIATE EYE WASH with water for 15 MINUTES. Seek immediate medical attention.

INGESTION: Do not Induce vomiting. Give large quantities of milk. Seek immediate medical attention.

INHALATION: Remove to fresh air. If discomfort persists seek medical attention.

Potential Acute Health Effects

Skin: May cause irritation to skin on contact.

Eyes: May cause moderate to severe irritation when contacting eyes.

Ingestion: Gastrointestinal discomfort, nausea, irritation of mouth, nasal passages and throat.

Inhalation: Unlikely to cause health effects.

Chronic Exposure: Not established.

Carcinogenicity: Ingredients not listed as carcinogens.

Section 5 : Fire-fighting measures

Flash Point : Not flammable **Flammable limits :** N/A **LEL :** N/A **UEL :** N/A

Extinguishing media: Not flammable.

Unusual fire and explosion hazards: None

Special Fire Fighting Procedure: Product not flammable. No special requirements.

Section 6 : Accidental release measures

Personal precautions: Use personal protection per Section 8.

Environmental precautions: Keep from contaminating soils and waterways.

Methods for cleaning up: Mop up liquid and dispose.

Section 7 : Handling and storage

Handling: Use in well ventilated areas. Avoid contact with eyes. **Advice on protection against fire and explosion:**

Product is not flammable. **Storage:** Store in well ventilated areas at ambient temp. Advice on common storage: **Do not store next to strong oxidizers and acids.**

Section 8 : Exposure control / personal protection

Engineering Measures: Provide normal room ventilation.

Personal Precautions: Use protective clothing as specified below.

Eye Protection: Use safety goggles or approved safety glasses.



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Hand Protection: Use protective gloves and discard after contact with product.

Skin and body protection: Pants, long sleeves, clinical jacket.

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Section 8 cont--

Respiratory protection: Not normally required as long as adequate room ventilation is present.

Hygiene measures: Wash hands after using. Emergency eye wash station must be available. Launder contaminated clothing.

Section 9 : Physical chemical properties

Boiling Point : >100 C

Specific Gravity : 1.01 @ 20C

Vapor Pressure: (mm Hg) ND

Melting Point : N/A

Evaporation Rate : (n-butyl = 1) ND

Vapor Density : (Air = 1) ND

Solubility in Water : Complete

pH: 10 - 11

Appearance and Odor: Clear, blue liquid with detergent odor.

Section 10 : Stability and reactivity

Materials to avoid: Avoid contact with strong oxidizing agents, strong acids, halogens, peroxides.

Hazardous decomposition products: Product may produce carbon monoxide, carbon dioxide, sulfur and nitrogen oxides under extreme heat.

Hazardous reactions: May evolve gases if mixed with strong oxidizing agents and acids.

Section 11 : Toxicological information

Acute oral toxicity: Nonionic surfactant = LD₅₀> 1310 mg/kg (rat)

EDTA = LD₅₀> between 630-1280 mg/kg (rat)

2,2',2'-Nitrilotriethanol = LD₅₀ 5,530 mg/kg (rat)

Not listed as a carcinogen by OSHA, IARC, AGCIH, or NTP.

Section 12 : Ecological information

There is no information available at this time for this product.

Section 13 : Disposal consideration

Waste/Disposal Information: Observe all Federal, State, and Local Environmental Regulations when disposing of this product. Use and or alterations to this product such as mixing with other materials/chemicals may significantly change the characteristics of the material and alter product hazard classifications and the proper disposal method.

Section 14 : Transport information

Product is not classified as a Hazardous Material: (If NO, DOT Information not required)

DOT Proper Shipping name: Not required

UN-Number: Not required



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Class:
Packing Group:

Not required
Not required

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Section 15 : Regulatory information

None for this product.

Section 16 : Other information

Date prepared: February 2015

Revision: 1.00A

Information contained herein is furnished without warranties of any kind. Users should consider these data only as supplements to other information obtained by them and must make independent determinations of completeness and suitability of information from all sources to ensure proper disposal and use of materials for the safety and health of both employees and customers.