

SAFETY DATA SHEET (SDS)

In accordance with Hazard Communication Standard (HCS), 29CFR 1910.1200(g), 2012 revision

SECTION I - PRODUCT/ COMPANY IDENTIFICATION

Product Name: D/Sense® Crystal™ Dentin Desensitizer Gel REF 310106
Description: Dentin desensitizer
Company Name: Centrix Incorporated, 770 River Road, Shelton, CT 06484-5458 USA
Telephone: (203) 929-5582 Toll-Free: (800) 235-5862 USA & Canada Fax: (203) 929-6804

SECTION II - HAZARDS IDENTIFICATION

Designation of Risk: Xi, irritant
Special Details of Risk (R-categories): 36-38, 41-43
Detrimental effects/symptoms: Irritant in case of eye, skin and inhalation contact. Risk of serious damage to eyes. Harmful if swallowed. May cause sensitization by skin contact. Low pH (acidic character) of the material.

SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS #	% by wt.	Purpose
Potassium binoxalate	125-95-7	2-4	crystal precipitator
Nitric acid	7697-37-2	2-4	etchant
Carbopol	9007-20-9	4-8	thickener
Distilled water	7732-18-5	85-92	carrier

Exact % content withheld due to trade secret restrictions.

SECTION IV - FIRST AID MEASURES

Inhalation: No harm anticipated.
Skin Contact: Wash promptly with copious amounts of water.
Eye Contact: Wash promptly with copious amounts of water.
Ingestion: Serve mildly alkaline remedies - solution of sodium bicarbonate, liquid anti-acid medications, etc.

SECTION V - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Not applicable
Extinguishing Media which should not be used: Not applicable
Special exposure hazards from combustion products: Not applicable
Special protective equipment for fire fighters: Not applicable

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact of skin or eyes. Wash affected areas immediately.
Environmental Precautions: Neutralize spills before disposed.
Methods for Cleaning Up: Wipe out or wash out after neutralizing.

SECTION VII - HANDLING AND STORAGE

Respiratory Protection & Ventilation: None required.
Protective Clothing or Equipment: Impermeable aprons, goggles, and gloves.
Unusual Work/Hygienic Practices: Applicable to acidic and mildly oxidizing materials.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients:
Aluminum Chloride Hexahydrate: US ACGIH TWA 2 mg/m³
Respiratory protection: Respiratory protection not required.
Hand protection: Protective gloves.
Eye protection: Safety glasses. Ensure eye bath is on hand.
Skin protection: Protective clothing.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid; water white to light yellow Odor: Odorless
pH: <1 Boiling Point/Range: ~ 100°C at 760 mm Hg
Melting Point/Range: ~ Ca 0°C Flash Point: Not applicable
Auto-Ignition Temperature: Not applicable Flammability: Not applicable
Explosive Limits in Air: Not applicable Oxidizing Properties: Slight
Vapor Pressure (mm Hg): approx. 760 at 100°C Vapor Density (Air=1): <1
Specific Gravity (H₂O =1): Slightly over 1 Solubility in Water: Soluble
Reactivity in Water: None Other Data: None

SECTION X - STABILITY AND REACTIVITY

Stability: Stable
Conditions of Instability: Stable under perceivable conditions.
Incompatibility with Various Substances: Materials susceptible to oxidizing and acidic environments.
Hazardous Decomposition Products: None known.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Not applicable

SECTION XI - TOXICOLOGICAL INFORMATION

Potential Acute Health Effects: Damage to skin and eyes.
Potential Chronic Health Effects: None known.
Signs and Symptoms of Exposure: Skin and eye irritation, skin discoloration.
Medical Conditions Generally Aggravated by Exposure: None known.
Carcinogenic or Potential Carcinogenic Effects: None anticipated.
Other Potential Health Effects: None known.

SECTION XII - ECOLOGICAL INFORMATION

None known to be applicable to the subject product or similar materials.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose in accordance with the local, state, and federal regulations.

SECTION XIV - TRANSPORT INFORMATION

UN Classification: UN/ID 2031
Identification: Nitric Acid, other than red fuming, with 20% or less Nitric Acid.
Special Provisions for Transport: Applicable to acidic materials.

SECTION XV - REGULATORY INFORMATION

U.S. FDA Dental Device: Class IIa medical device EC Medical Device Directive:

SECTION XVI - OTHER INFORMATION

Product handling exclusively by dental specialists per instructions for use.

CAUTION

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.

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