

Handpiece Cleaner MSDS

DENTSPLY Midwest

West Oakton Street
Des Plaines, IL 60018-1884 USA

82381-0296

Identity: Midwest Plus Handpiece Cleaner

Product Class: Cleaner

SECTION I — MANUFACTURER:

DENTSPLY Midwest
901 West Oakton Street
Des Plaines, IL 60018-1884 USA
Phone: 1-800-800-2888 / 1-800-800-7202

SECTION II — HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components [Specific Chemical Identity]:
Common Name(s): None.

Ingredients: Proprietary Polymer Delivery System,
Surfactants, Proprietary Blend

SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Between 80.4°C and 100°C.

Specific Gravity ($H_2O = 1$): ~ 1.004.

Vapor Pressure (mm Hg): Not determined.

Melting Point: Not applicable, liquid product.

Vapor Density (AIR = 1): Not determined.

Evaporation Rate (butyl acetate = 1): Between 1.5 and 1.75.

Concentrate pH: Product pH 6.5; no concentrate form.

Solubility in Water: Completely miscible.

Appearance and Odor: Water-white sudsy liquid with slightly color, mild odor characteristic of isopropanol.

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None. Non-flammable.

Extinguishing Media: None. Non-flammable.

Special Fire Fighting Procedures: None. Non-flammable.

Unusual Fire and Explosion Hazards: None. Non-flammable.

SECTION V — REACTIVITY DATA

Stability: Stable.

Conditions to avoid: None known.

Incompatibility (Materials to Avoid): Avoid evaporation of water and contamination with extraneous chemicals.

Hazardous Decomposition of Byproducts: None known.

SECTION VI — HEALTH HAZARD DATA

Most likely route(s) of Entry: Eye, Skin.

Ingestion: (only if swallowed in large quantities)

Health Hazards (Acute and Chronic) for liquid concentrate directly taken from the bottle:

- Oral LD₅₀ (rat): greater than 5.0 g/kg (equivalent to a 150 pound adult swallowing approximately 0.75 pounds).
- Dermal LD₅₀ (rabbit): greater than or equal to 2.0 g/kg.
- Skin irritation (rabbit): Not corrosive. Direct contact can cause mild to severe redness and swelling.
- Eye irritation (rabbit): 0.1 ml applied to the eye without washing may produce minimal to moderate transient eye irritation.

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Modified Maquire sensitization contact allergy method.

Carcinogenicity: Not known

OSHA Regulated: Not listed

Symptoms of Exposure:

— Eye contact: Direct contact can cause eye damage

— Skin contact: Direct contact can cause irritation

Medical Conditions generally aggravated by exposure:

Not known.

Emergency and First-Aid Procedures

— Eyes: Flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If physician not available, flush for additional 15 minutes.

— Skin: Immediately wipe away excess material with dry cloth. Wash affected areas thoroughly with lots of water, and soap if available, for at least 15 minutes.

— Swallowing: Drink lots of water.

SECTION VII — PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled:

Caution, product is extremely slippery. For large spills, wear appropriate protective clothing and take for recovery of disposal. For small spills, use absorption sand or vermiculite and place in compatible chemical container for disposal.

Waste Disposal Method: Dispose of in compliance with all federal, state and local laws and regulations.

Precautions to be Taken in Handling and Storing: Store upright, indoors in a clean, organized area. Make certain seals are firmly closed.

SECTION VIII — CONTROL MEASURES

Respiratory Protection (Specify Type): N/A

Ventilation: No special precautions.

Protective Gloves: Rubber or neoprene.

Eye Protection: Chemical goggles or face shield.

Other Protective Clothing or Equipment: Protective clothing, eye wash, safety shower.

SECTION IX — OTHER REMARKS

The product is intended for use as a cleaner. The product label should be consulted for directions for use.

SECTION X — REFERENCES CONSULTED IN PREPARATION OF THIS DOCUMENT

PLEASE NOTE:

1. Chemical supplier should be consulted.
2. 29 CFR 1910.1200 Hazard Communication Paragraph (b) (4).
3. 49 CFR 172.101-172.102 List of Hazardous Chemicals and List of Optional Hazards.

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