

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

070405571

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

070849182

# SAFETY DATA SHEET (SDS)

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

Page 1 of 4

## Section 1 : Identification

**Product Identification: Mirror Defogger**

**Item Number: 040-5571**

Manufactured for:

Patterson Dental Supply, Inc.  
1031 Mendota Heights Road  
Saint Paul, MN 55120

Telephone: 1-856-488-1120

**Emergency: Info-Trac 1-800-535-5053**

**Recommended use:** Anti-fogging dipping solution for dental mirrors.

## Section 2 : Hazard(s)

**Classification of the substance or mixture:**

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

Eye damage/irritation (Category 2B)

**GHS Label elements, including precautionary statements**

**Hazard statement(s)**

H320 Causes eye irritation

**Precautionary statement(s)**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

**Hazard Summary:** Product contains mild surfactants and less than 0.1% benzylkonium chloride as a preservative. Very low hazard when used according to label directions.

## Section 3 : Composition / information on Ingredients

Hazardous Ingredient(s)	CAS #	Exposure PEL, TLV, TWA	%
FD&C Blue No. 1	3844-45-9	N/E	< 1
Nonoxynol-9 (Surfonic N-95)	9016-45-9	N/E	< 1
N-Alkyldimethylbenzyl ammonium chloride	8001-54-5	N/E	< 1

# SAFETY DATA SHEET (SDS)

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

Page 2 of 4

**Product Identification: Mirror Defogger**

**Item Number: 040-5571**

## **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: Drink large quantities of water. Seek immediate medical attention.

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

### **Potential Acute Health Effects**

Skin: May cause slight irritation to skin on contact.

Eyes: May cause slight 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.**

# SAFETY DATA SHEET (SDS)

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

Page 3 of 4

**Product Identification: Mirror Defogger**

**Item Number: 040-5571**

## **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.

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

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

**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 : > 1.00 @ 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: 6.5 -- 7.5

Appearance and Odor: Clear, blue liquid with mint 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 = LD<sub>50</sub>> 1310 mg/kg (rat)

N-Alkyldimethylbenzyl ammonium chloride = LD<sub>50</sub>> 90 ml/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.

# SAFETY DATA SHEET (SDS)

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

Page 4 of 4

**Product Identification: Mirror Defogger**

**Item Number: 040-5571**

## **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
Class:	Not required
Packing Group:	Not required

## **Section 15 : Regulatory information**

None for this product.

## **Section 16 : Other information**

**Date prepared: March 2015      Revision: 1.01A      Replaces previous version: 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.