
Section 1 - Product and Company Identification
Denture Cleaner

Date of MSDS: Wednesday, March 24, 2004

Product Identification: Denture Cleaner

Product Synonym:

Product Class/Use: Prosthetic Cleaner

Company Name: Perflex

Company Address: PERFLEX Ltd.

7 Giborey Israel St. Industrial Area Poleg
Netanya 4250407, P.O.B 8123, Israel

General Information Telephone:

Emergency Telephone: Not required by regulations.

Section 2 – Hazardous Ingredients of Mixtures & Toxicity Data
Denture Cleaner

Toxicity Data

Oral: RAT LD50 = 2250 – 9500 MG/KG

Dermal: No Data Found

Inhalation: RAT LC50 – 5 MG/L (4 hr)

Carcinogenicity: This material is not considered to be a carcinogen by the National Toxicology Program, the International Agency for Research on Cancer, or the Occupational Safety and Health Administration.

Other Data: None

Section 3 – Physical Data
Denture Cleaner

Boiling Point: Decomposes

Specific Gravity (H2O=1): 1.1 – 1.4

Vapor Pressure: NIL

Percent Volatile W/W%

Vapor Density (AIR=1): N/A

Evaporation Rate (BUTYL ACETATE=1):+1

Solubility in Water: 25.6%

Appearance and Odor: White, Free-Flowing solid; Oderless

Section 4 – Fire and Explosion Hazar Data
Denture Cleaner

Flash point, Tag Closed, Deg. C.: NONE

Flammable Limit,Air Vol% lower: N/A

Autoignition Temperature, Deg. C.: N/A

Upper: N/A

Extinguisher Method: Flood with Water

Special Fire Fighting Procedure: NONE

Unusual Fire and Explosion Hazards: Storage of large masses of this product can trap heat and lead to ignition of paper bags. Grinding or intensive mixing can cause ignition of oxidizable material present.

Section 5 – Health Hazard Data Denture Cleaner

Primary Routes of Exposure: Skin or eye contact

Effects of Overexposure:

This product is a strong eye and skin irritant.

Emergency and First Aid Procedures:

- Inhalation: Breathing dust may irritate the nose and throat and cause coughing and chest discomfort. Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.
- Eyes: Dust will irritate the eyes and cause discomfort, tearing or blurring of vision. Immediately flush eyes with running water for 15 minutes, lifting the upper and lower eyelids occasionally. Get immediate medical attention.
- Skin: Dusts will irritate the skin with discomfort or rash. Immediately wash skin with soap and water. Remove before reuse. Get medical attention if irritation persists after washing.
- Ingestion: Swallowing the dusts or solids may cause nausea and vomiting. Do NOT induce vomiting. If conscious, give water. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.

Section 6 – Reactivity Data Denture Cleaner

Stability: STABLE

Conditions to avoid: NONE

Incompatibility (Materials to Avoid):

Compounds containing halides or active halogens can release the respective halogen if moisture is present; mixture with cyanides can release poisonous hydrogen gas; mixture with heavy metal salts can release flammable oxygen gas.

Hazardous Decomposition Products:

Releases flammable oxygen gas.

Hazardous Polymerization: WILL NOT OCCUR

Conditions to Avoid: NONE

Section 7 – Spill or Leak Procedures Denture Cleaner

Steps to be taken in case material is released or spilled:

Wear protective equipment including rubber boots, rubber gloves, rubber apron, and chemical goggles. For small spills, sweep up and dispose of in DOT-Approved waste container. For large spills, shovel into DOT-Approved waste containers. Keep out of sewers, storm drains, surface waters and soil. Comply with all applicable governmental regulations on spill reporting, and handling and disposal of waste.

Waste Disposal Method:

Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

Section 8 – Special Protection Information
Denture Cleaner

Respiratory Protection:

NIOSH-Approved dust respirator or mask in the absence of adequate environmental controls at the point of use.

Ventilation:

Local mechanical exhaust ventilation capable of minimizing dust emissions at the point of use.

Protective Gloves: Leather Gloves

Eye Protection: Chemical Goggles

Other protective clothing or equipment:

Long-Sleeved shirt, trousers, and safety shoes. An eyewash and safety shower should be nearby and ready for use.

Section 9 – Special Precautions
Denture Cleaner

Precautions to be taken in handling and storing:

Store in a cool, dry place. Keep bags dry at all times. Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing. Closely stacked bags should not exceed a 4 ft. cube. Do not store with combustible materials.

Repair and Maintenance Precautions:

Do not cut, grind, weld or drill on or near this material.

Other Precautions:

Containers even those that have been emptied will retain product residue and vapors. Always obey hazard warning and handle empty container as if they were full.

Definitions
Denture Cleaner

These definitions are intended for use with the Material Safety Data Sheet supplied by Dentton.

SECTION 1 – PRODUCT IDENTIFICATION

Chemical Name: General or generic identification.

PRODUCT CODE: The sales code for the product which should be used in all references to the product.

SECTION II HAZARDOUS COMPONENTS

A hazardous ingredient is one which meets one or more of the following criteria:

1. Listed in the annual registry of toxic effects of chemical substances, or is known to be toxic within the parameters of that registry.
2. Has an OSHA established 8 hr. time-weighted average permissible exposure limit (PEL), or acceptable ceiling, or an American Conference of Governmental industrial Hygienists (ACGIH) threshold limit value (TLV), and by nature of the product or its known use, it is likely to become airborne.
3. It contributes to one or more of the following hazards of the product.
 - A) Flashpoint below 93 deg. C (CC), or subject to spontaneous heating or decomposition.
 - B) Causes skin burns (DOT)
 - C) Strong oxidizing agent. (DOT)
 - D) Subject to hazardous polymerization.

Each ingredient meeting one or more of the above criteria is listed in section II if present at any level at least greater than one percent. Ingredients which are claimed to be carcinogens, teratogens, mutagens, or causative agents or other reproductive disorders are listed if known or believed to be present, provided that the data supporting such claims is considered valid.

Each hazardous ingredient is listed by chemical, generic or proprietary name. It's level in the product is expressed as 1% or less, 1-10%, 10-30%, 30-60% or greater than 60% or by other means.

SECTION III – PHYSICAL DATA

INITIAL BOILING POINT : If liquid at 20 Deg C and is given in Deg. C at 760mm of Hg.

VAPOR PRESSURE: If liquid at 20 Deg C or if sublimes.

SPECIFIC GRAVITY: If not known it is indicated as (1<, =1 or.1.

PERCENT VOLATILES: Percent of material with initial boiling point below 220 deg. C.

EVAPORATION RATE: Indicated with reference to Butyl Acetate, unless stated.

SECTION IV – PRODUCT IDENTIFICATION

FLASH POINT: Closed Cup; TAG

LOWER EXPLOSION LIMIT: Indicated component with lowest value.

HAZARDOUS DECOMPOSITION PRODUCTS: Known hazardous products resulting from heating, burning, etc. or reactive materials which may arise from heating, burning etc.

SPECIAL FIRE-FIGHTING PROCEDURES: Indicates equipment to protect firemen from toxic procedures of combustion or if water is not to be used.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Hazards not covered by other sections of this report are shown here.

ABBREVIATIONS USED IN MSDS

NA = Not Applicable

NE = Not Established

NR = Not Required

NOTICE

All information, recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, Perflex makes no warranty, representation or guarantee as to the accuracy, sufficiency, or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his/her own use, handling and disposal of the product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Perflex as to the effects of such use. Perflex does not assume any liability arising out of use by others of the product referred to herein. The data in this Material Safety Data Sheet relate only to the specific material designated herein and does not relate to use in combination with any other material.