

MATERIAL SAFETY DATA SHEET

SECTION I

Product Name: Smile Again® Denture Cleaner

Distributor: ProTech Professional Products, Inc.
 Address: 2800 N.W. Commerce Park Dr., #10, Boynton Beach, FL 33428
 For Information Call: 1-800-872-8898, outside US & Canada call 1-561-493-9818

SECTION II - HAZARDOUS INGREDIENTS OF MIXTURES & TOXICITY DATA

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 III - PHYSICAL DATA

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; Odorless

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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 Procedures: 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 VII - SPILL OR LEAK PROCEDURES

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 containers. 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.

NOTE: Empty containers can have residues, gases and mists and are subject to proper waste disposal, as above.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): 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 IX - SPECIAL PRECAUTIONS

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 container.
 Other Precautions: Containers, even those that have been emptied, will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

SECTION V - HEALTH HAZARD DATA

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: Dusts 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 contaminated clothing and shoes; Wash 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 VI - REACTIVITY DATA

Stability: UNSTABLE: STABLE: X
 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: MAY OCCUR: WILL NOT OCCUR: X
 Conditions to Avoid: NONE

DEFINITIONS

These definitions are intended for use with the Material Safety Data Sheets supplied by Pro-Tech, Inc.

SECTION I - 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:

- Listed in the annual registry of toxic effects of chemical substances, or is known to be toxic within the parameters of that registry. and/or
- Has an OSHA established, 8 hr. time-weighted average permissible exposure limit (PEL) or acceptable ceiling (C), 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. and/or
- It contributes to one or more of the following hazards of the product:
 - Flashpoint below 93 deg. C (CC), or subject to spontaneous heating or decomposition.
 - Causes skin burns. (DOT)
 - Strong oxidizing agent. (DOT)
 - Subject to hazardous polymerization.

Each ingredient meeting one or more of the above criteria is listed in section II if present at a level at least greater than one percent. Ingredients which are claimed to be carcinogens, teratogens, mutagens, or causative agents of 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 760 mm of Hg.
 VAPOR PRESSURE: If liquid at 20 Deg. C. or if sublimates.
 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.

DEFINITIONS (CONTINUED)

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 FIREFIGHTING 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.

SECTION V - HEALTH HAZARD DATA

Recipients of this data sheet should consult the OSHA safety and health standards (29 CFR 1910) particularly sub-part G - occupational health and environmental control and sub-part I - personal protective equipment, for general guidance on control of potential occupational health hazards.

PERMISSIBLE EXPOSURE LEVEL : OSHA established PEL - If none available, adopted value.
EFFECTS OF OVEREXPOSURE : Given in general terms; local and systemic effects to the eyes, skin, if material is inhaled, unless not applicable due to physical form of product.

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, Pro-Tech, Inc. makes no warranty, representation or guaranty 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 own use, handling and disposal of the product. Additional product literature may be available upon request since actual use by others is beyond our control, no warranty, express or implied, is made by Pro-Tech, Inc. as to the effects of such use, the results to be obtained or the safety and toxicity of the product, nor does Pro-Tech, Inc. 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 or in any process.