

# SAFETY DATA SHEETS

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

071096916

N/A

**SAFETY DATA SHEET**

**SECTION 1: IDENTIFICATION OF PRODUCT**

PRODUCT NAME: **ETCH-IT METAL ETCHING GEL  
(KIT - SEE ALSO ACID NEUTRALIZER)**

APPLICATION: PROPRIETARY GELLED MIXTURE OF STRONG ACIDS AND VISCOSITY BUILDERS FOR ETCHING OF DENTAL ALLOY.

EMERGENCY CONTACT: **INFOTRAC: 1-352-323-3500, TOLL-FREE 1-800-535-5053**

**SECTION 2: HAZARDS IDENTIFICATION (CLASSIFICATION)**

**WARNING:** IRRITANT TO SKIN AND EYES.



SECTION 2A: PHYSICAL HAZARDS

**H290: MAY BE CORROSIVE TO METALS**

SECTION 2B: HEALTH HAZARDS

THRESHOLD LIMIT VALUE: TLV:

SKIN: **H312: HARMFUL IN CONTACT WITH SKIN. CATEGORY 4**

EYES: H319: CAUSES SERIOUS EYE IRRITATION. CATEGORY 2A

INHALATION: H332: HARMFUL IF INHALED. CATEGORY 4.

INGESTION: H302: HARMFUL IF SWALLOWED. CATEGORY 4

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

**SECTION 3: COMPOSITION / INGREDIENTS**

MIXTURE:  Yes  No

HYDROCHLORIC ACID. LESS THAN 20%, GELLING AGENTS (PROPRIETARY), ETCHING POTENTIATOR (PROPRIETARY)

**SECTION 4: FIRST AID MEASURES**

SKIN: P302+352: IF ON SKIN: WASH WITH PLENTY OF SOAP AND WATER. P332+313: IF SKIN IRRITATION OCCURS: CONTACT A POISON CENTER OR DOCTOR/PHYSICIAN.

EYES: P305+351+338: IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO – CONTINUE RINSING. P337+313: IF EYE IRRITATION PERSISTS GET MEDICAL ADVICE/ATTENTION.

INHALATION: P304+340: IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. P342+311: IF EXPERIENCING RESPIRATORY SYMPTOMS: CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

INGESTION: P311: CALL A POISON CENTER/PHYSICIAN. P330+331: RINSE MOUTH. DO NOT INDUCE VOMITING. GIVE MILK, WATER OR MILK OF MAGNESIA AND GET MEDICAL ATTENTION.

**SECTION 5: FIREFIGHTING MEASURES**

FLASH POINT: N/A

FLAMMABLE LIMITS: N/A

FIRE EXTINGUISHING MEDIA: P370+378: IN CASE OF FIRE: USE ANY MEANS APPROPRIATE FOR ADJACENT COMBUSTIBLE MATERIALS.

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES. IF SAFE, REMOVE CONTAINERS FROM SOURCES OF HEAT AND COOL THEM.

UNUSUAL FIRE AND EXPLOSION HAZARD: IF INVOLVED IN A FIRE, EMITS IRRITATING AND CORROSIVE FUMES.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

PRECAUTIONS: N/A

PROCEDURES: SPILL IS UNLIKELY DUE TO SMALL PACKAGE SIZE AND GEL FORM. HOWEVER, IF IT OCCURS, NEUTRALIZE THE GEL WITH ENCLOSED DIP-IT NEUTRALIZER OR SLAKED LIME MIXTURE. USE APPROVED PERSONAL PROTECTION TO AVOID CONTACT WITH THE PRODUCT OR FUMES.

#### **SECTION 7: HANDLING AND STORAGE (LAB QUANTITIES)**

P102: KEEP OUT OF REACH OF CHILDREN. P402+404: STORE IN A DRY PLACE. STORE IN A CLOSED CONTAINER.

P403+235+410: STORE IN A WELL VENTILATED PLACE. KEEP COOL. PROTECT FROM SUNLIGHT. FOR LABORATORY OR OFFICE USE ONLY. DO NOT MIX WITH OTHER MATERIALS UNLESS DIRECTED TO DO SO. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

#### **SECTION 8: EXPOSURE CONTROLS (PERSONAL PROTECTION)**

VENTILATION: LOCAL EXHAUST IS ACCEPTABLE.

SKIN: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. NITRILE OR RUBBER IMPERMEABLE GLOVES.

EYES: P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE NEEDED IN NORMAL USE.

OTHER: EYE WASH STATION

#### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: PALE YELLOW, TRANSLUCENT, STIFF GEL. SHARP, CHARACTERISTIC ODOR.

PH OF SOLUTION: 1-2

MELTING POINT: °F: N/A

BOILING POINT: 212 F

SPECIFIC GRAVITY: 1.2

EVAPORATION RATE: (BUAC =1): N/A

VAPOR DENSITY: (AIR =1): N/A

PERCENT VOLATILE: N/A

VAPOR PRESSURE: N/A

WATER SOLUBILITY: GEL DISPERSES

#### **SECTION 10: REACTIVITY DATA**

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, DIRECT SUNLIGHT

INCOMPATIBILITY (MATERIALS TO AVOID): ACTIVE METALS, ALKALINE COMPOUNDS, REDUCING AGENTS CAN CAUSE RAPID REACTION.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL FORM IRRITATING AND CORROSIVE FUMES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

REACTIVITY WITH WATER: WILL NOT OCCUR.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: CONTACT WITH PRODUCT WILL CAUSE IRRITATION.

EYES: DIRECT EXPOSURE CAN CAUSE SEVERE IRRITATION, REDNESS AND BLURRED VISION.

INHALATION: CONTACT WITH FUMES IN AN AREA OF POOR VENTILATION CAN CAUSE RESPIRATORY TRACT IRRITATION, SNEEZING, COUGHING, EXACERBATION OF PRE-EXISTING PULMONARY PROBLEMS.

INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING.

CHRONIC EXPOSURE: NO HUMAN DATA REPORTED

SENSITIZER: NO HUMAN DATA REPORTED

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

TERATOGENICITY: N/A

EMBRYOTOXICITY: N/A

MUTAGENICITY: N/A

PRE-EXISTING CONDITIONS: N/A

#### **SECTION 12: ECOLOGICAL INFORMATION**

ECOTOXICITY: NOT ESTABLISHED FOR THIS MIXTURE.

DEGRADABILITY: EXPECTED TO BE BIODEGRADABLE. PRODUCT WILL AUTO-DECOMPOSE.

BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.

MOBILITY IN SOIL: EXPECTED TO BE LOW.

#### **SECTION 13: DISPOSAL INFORMATION**

SPONGE MIXTURE UP AND FLUSH THOROUGHLY DOWN SINK DRAIN WITH EXCESS WATER. THE SMALL QUANTITIES INVOLVED DO NOT WARRANT SPECIAL DISPOSAL PROCEDURES.

#### **SECTION 14: TRANSPORT INFORMATION**

UN NUMBER: N/A

SHIPPING NAME: N/A

CLASS: N/A

PACKING GROUP: N/A

MARINE POLLUTANT: N/A

WARNING SYMBOL: N/A

OTHER: LAB QUANTITIES ARE NOT REGULATED AS A HAZARD IN TRANSPORTATION BY U.S. DEPARTMENT OF TRANSPORTATION.

#### **SECTION 15: REGULATORY INFORMATION**

LABELING: IRRITANT PICTOGRAM.

NFPA RATINGS: HEALTH HAZARD: 1 FIRE & EXPLOSION: 0 REACTIVITY: 0 SPECIAL PROTECTION: B

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: NONE LISTED.

SARA SECTION 313: N/A

INAPPLICABLE: NO COMPONENTS ARE SUBJECT TO TSCA SNUR LISTING.

FOREIGN REGULATIONS:

ALL COMPONENTS ARE ON THE EU EINECS INVENTORY LIST AND THE CANADIAN DSL.

#### **SECTION 16: OTHER INFORMATION**

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**SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)**

**CA PROP. 65 LISTING: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM**

Revision Date: 1/31/2022

Information Furnished By:

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Product Development Mgr.

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