

**SAFETY DATA SHEET**

**SECTION 1: IDENTIFICATION OF PRODUCT**

PRODUCT NAME: **TARTAR & STAIN REMOVER**

APPLICATION: **TARTAR & STAIN REMOVER, LABORATORY APPLICATION**

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

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

WARNING: IRRITANT TO SKIN AND EYES. HARMFUL IF INGESTED.



**SECTION 2A: PHYSICAL HAZARDS**

N/A

**SECTION 2B: HEALTH HAZARDS**

THRESHOLD LIMIT VALUE: TLV NOT ESTABLISHED FOR THIS MIXTURE

SKIN: H312: HARMFUL IN CONTACT WITH SKIN

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

INORGANIC ACID, SURFACE WETTING AGENT AND CLEANSER. FORMULA IS 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+311: IF EYE IRRITATION PERSISTS CALL A POISON CENTER OR DOCTOR/PHYSICIAN.

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. NOT LIKELY IN NORMAL USE.

INGESTION: P310: IMMEDIATELY CALL A POISON CENTER/PHYSICIAN. P330+331: RINSE MOUTH. DO NOT INDUCE VOMITING. GIVE 2 GLASSES OF WATER TO DRINK, MILK OF MAGNESIA, EGG WHITES.

**SECTION 5: FIREFIGHTING MEASURES**

FLASH POINT: N/A: MATERIAL IS NON-FLAMMABLE.

FLAMMABLE LIMITS: N/A

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

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 FUMES. AVOID BREATHING DECOMPOSITION VAPORS. WEAR PERSONAL PROTECTIVE EQUIPMENT TO AVOID CONTACT WITH LIQUID.

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

PRECAUTIONS: NORMAL PRECAUTIONS OF HANDLING IRRITATING MATERIALS SHOULD BE TAKEN.

PROCEDURES: USE PERSONAL PROTECTIVE EQUIPMENT TO AVOID CONTACT WITH CONCENTRATED LIQUID. ABSORB LIQUID WITH ACID-RESISTANT GRANULAR ABSORBENT AND ACID NEUTRALIZER. STORE CLEAN-UP MATERIALS IN PLASTIC CONTAINERS.

#### **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: MECHANICAL 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: YELLOW. MOBILE LIQUID. SLIGHT CHARACTERISTIC ODOR.

PH OF SOLUTION: 2-3

MELTING POINT: °F: N/A

BOILING POINT: 230 F

SPECIFIC GRAVITY: WATER = 1: 1,2

EVAPORATION RATE: (BUAC =1): AS WATER

VAPOR DENSITY: (AIR =1): AS WATER

PERCENT VOLATILE: GREATER THAN 50%

VAPOR PRESSURE: N/A

WATER SOLUBILITY: COMPLETE

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

STABILITY: STABLE

CONDITIONS TO AVOID: EXTREME HEAT

INCOMPATIBILITY (MATERIALS TO AVOID): REACTIVE METALS, ALKALIS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL LIBERATE IRRITATING ACID FUMES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

REACTIVITY WITH WATER: WILL NOT OCCUR.

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

ACUTE EXPOSURE: SIGNS AND SYMPTOMS:

SKIN: CONTACT WITH CONCENTRATED SOLUTION CAN CAUSE IRRITATION OR BURNS.

EYES: DIRECT EXPOSURE CAN CAUSE SEVERE IRRITATION OR BURNS, REDNESS AND BLURRED VISION. TREAT IMMEDIATELY.

INHALATION: INHALATION CAN CAUSE IRRITATION TO RESPIRATORY SYSTEM, SNEEZING, COUGHING, EXASPERBATION OF PRE-EXISTING PULMONARY PROBLEMS. NOT LIKELY IN NORMAL USE.

INGESTION: WILL CAUSE IRRITATION OF GASTROINTESTINAL TRACT. CAN RESULT IN NAUSEA, VOMITING, TREAT IMMEDIATELY.

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 EXPECTED TO BE HIGH IN LAB QUANTITIES.

DEGRADABILITY: NOT READILY BIODEGRADABLE

BIOACCUMULATION: NOT EXPECTED TO BIO-ACCUMULATE.

MOBILITY IN SOIL: EXPECTED TO BE HIGH.

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

DISPOSE OF LAB QUANTITIES IN TRASH IN PLASTIC CONTAINERS. INDUSTRIAL QUANTITIES MUST BE DISPOSED OF ACCORDING TO FEDERAL OR APPROVED STATE PROCEDURES. SMALL QUANTITIES OF WASTE MAY ENTER SANITARY SEWER SYSTEM, IF FLUSHED WELL WITH LARGE AMOUNTS OF WATER. IT IS ADVISABLE TO NEUTRALIZE THE LIQUID WITH AN ALKALINE NETRALIZER OR ADS ACID NEUTRALIZER BEFORE DISPOSAL.

#### **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: IRRITANT

OTHER: THE MATERIAL, IN LAB QUANTITIES, IS NOT REGULATED AS A HAZARD IN TRANSPORTATION BY THE US DOT.

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

LABELING: IRRITANT PICTOGRAM.

NFPA RATINGS: HEALTH HAZARD: 2 FIRE & EXPLOSION: 0 REACTIVITY: 0 SPECIAL PROTECTION: C

NATIONAL REGULATIONS:

TSCA: ALL COMPONENTS ARE ON THE TSCA INVENTORY LIST

SARA: SARA SECTION 302: EXTREMELY HAZARDOUS SUBSTANCES: SULFURIC ACID

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)**

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