

Taginator®

MASONRY SURFACE GRAFFITI REMOVER

PRODUCT INFORMATION SHEET

TAGINATOR® is a powerful and penetrating blend of biodegradable ingredients in an alkaline based solution that removes the toughest graffiti markings from masonry surfaces. **TAGINATOR®** has a pleasant fresh and clean scent, contains no acids, petroleum distillates, phosphates, methylene chloride, or carcinogens. **TAGINATOR®** completely removes graffiti markings caused by aerosol latex or enamel paint sprays, lacquers, inks, high temperature engine paints, acrylics and traffic line coatings. It penetrates porous surfaces to dissolve and liquify unsightly graffiti for easy removal with a hot or cold water pressure rinse. Applications include masonry walls and floors, brick, cinder block, concrete, granite, marble, slate, terra cotta and more. **TAGINATOR®** removes graffiti so easily, it makes barrier coatings unnecessary. Do not use on Lexan® or other polycarbonate plastics including vinyl.

UNIQUE ACTION

Simply apply to graffiti markings and pressure rinse away. Requires no pre-mixing. It is also effective in below freezing temperatures. **TAGINATOR®** evaporates slowly. It dissolves away graffiti even on water soaked surfaces. It is effective with hot or cold water pressure rinse.

CHARACTERISTICS

Fresh and Clean Scent	Biodegradable
Fast acting	No phosphates
Free rinsing	No methylene chloride
No acids	No pre-mixing
No carcinogens	Professional strength
Non-flammable	V.O.C. compliant

COVERAGE

One gallon covers 200 to 300 sq. ft. depending on the porosity of the surface.

DIRECTIONS

Masonry Surfaces: Apply full strength soaking graffiti thoroughly with our special pump up compression applicator **TAGSPRAYER™** (contact ETS Co. for details) or use a brush, roller or spray. Allow it to remain on masonry surfaces for up to 5 - 20 minutes to break down multiple layers of graffiti. Pressure rinse with hot or cold water.

Pre-test: Always pre-test in a small inconspicuous area for possible adverse effects. Not recommended for aluminum or painted surfaces. Do not use on Lexan® or other polycarbonate plastics including vinyl.

PACKAGING

TAGINATOR® is available in 1 quart spray bottles (six per case), 1 gallon and 5 gallon containers.

DETAILED SPECIFICATIONS

Viscosity	Slight
Color	Dark Umber
Odor	Fresh & clean scented
Phosphates	None
Water Solubility	Emulsifiable
Specific Gravity	1.177+/- .005 gm/ml
Density	9.8 lb./gal.
Stability	Approximately 3 years
Freeze point	Below 0° F.
V.O.C. Content	<30% by wt.

REGULATORY INFORMATION

POISON: CORROSIVE. AVOID CONTACT WITH SKIN AND EYES. Contains Potassium Hydroxide (more than 10% SEE NOTE BELOW), also contains propylene glycol ether ester. Wear safety glasses and/or face shield and protective gloves. Wash hands with water after handling. Store at room temperature. Material Safety Data Sheet available upon request.

KEEP OUT OF REACH OF CHILDREN

FIRST AID: INGESTION: Corrosive if swallowed, seek immediate medical attention. If conscious, give 8-20 fluid ounces of milk or water. Do not induce vomiting unless directed to do so by medical personnel. **EYE CONTACT:** Continually flush with water and seek medical attention. **SKIN CONTACT:** Flush with water for 15 minutes. **INHALATION:** Move to fresh air. Always seek medical attention if complications develop.

CONTACT CUSTOMER SERVICE AT:
1-877-TAG-PROD (824 7763)

REGULATORY AND LIABILITY: Volatile organic compounds (V.O.C.) < 30% by wt. compliant w/ E.P.A., California (C.A.R.B.), Northeast States (O.T.C.), and other air quality districts. Ingredients DO NOT appear on E.P.A.'s lists of: HAP (Hazardous Air Pollutants) nor Extremely Hazardous Substances, nor Toxic Release Inventory nor List of 17 Targeted Chemicals nor Clean Water Act Priority Pollutants nor California Safe Drinking Water Act (Proposition 65). Refer to (local, state, federal) best management practices for pressure washing. User assumes full responsibility in testing and usage. ETS Co. not liable for consequential damage exceeding product cost. Use only as stated in instructions.

Note: The federal caustic poison act requires the word "Poison" on this product because it contains more than 10% potassium hydroxide, generally considered a corrosive material.



EQUIPMENT TRADE SERVICE CO. INC.

Cleaning Products Specialists

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01/09

SAFETY DATA SHEET SDS: TAGINATOR®**Section 1—Identification****Product Identifier:** TAGINATOR®**Product Use:** Graffiti Remover Liquid for Masonry Surfaces.**Manufacturer's Name:** Equipment Trade Service Co. Inc.**Address:** 20 East Winona Avenue Norwood, PA 19074 USA**24 Hour Emergency Telephone:** ChemTel 800-255-3924**General Telephone:** 1-610-583-7657 8 AM— 4 PM EST. M—F**Website:** www.etscompany.com**Section 3—Composition / Information on Ingredients**

Component	CAS#	% By Weight
Propylene glycol methyl ether acetate	108-65-6	1—5
Potassium Hydroxide	1310-58-3	5—10

In compliance with OSHA HCS and UN GHS, Trade Secret / Confidential business information has been omitted.

Section 5—Fire Fighting Measures**Note:** Product will not sustain combustion, burning or flame per ASTM D4206**Suitable Extinguishing Media:** CO₂, Dry Chemical, Foam, Water Spray**Unsuitable Extinguishing Media:** None Known**Unusual Fire & Explosion Hazards:** May produce toxic fumes of carbon monoxide if burning. Empty containers may contain residue. Do not pressurize, cut, heat, or expose containers to flame.**Special Protection & Procedures:** Cool fire-exposed containers. Do not enter confined fire space without proper protective equipment including NIOSH approved self-contained breathing apparatus.**Section 7—Handling and Storage**

Precautions & Conditions for Safe Handling: Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Do not mix with other chemicals. Avoid breathing mist. No eating, drinking or smoking. Wash hands after use. Store in a well ventilated place. Keep cool. Do not store near open flame or heat. Do not store near incompatible materials. Do not take internally. Transfer material only to approved, properly labeled containers. KEEP OUT OF REACH OF CHILDREN.

Incompatible Materials: Strong acids, alkalies and oxidizers.**Section 2—Hazard's Identification****Classifications:** Skin Corrosion Category 1B, Eye Damage Category 1, Acute Toxicity—Oral Category 4, Flammable Liquid Category 3 (Although will not sustain flame, See notes sections 5 & 9)**Symbols:** Corrosion, Flame**Signal Word:** Danger**Hazard Statement:** Causes severe skin burns and eye damage. Harmful if swallowed.

Flammable liquid and vapor (Although will not sustain flame, See notes sections 5 & 9)

Precautionary Statements:

Prevention: Wash hands and skin thoroughly after handling. Wear eye and face protection. Wear Protective liquid proof gloves and clothing. Do not eat, drink or smoke when using this product. Do not breathe mist or spray. Keep only in original plastic container. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Use explosion proof electrical/ventilating/lighting/equipment/ Use only non sparking tools. Take precautionary measures against static discharge.

Response: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If swallowed: Rinse mouth. Do not induce vomiting. Immediately call a poison center / doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing.

Storage: Store locked up.**Disposal:** Dispose of contents / container in accordance with local, state, federal and international regulations.**Environmental:** Biodegradable**NFPA Rating:**

0=Safe, 4=Danger; Health (Blue) 2 Flame (Red) 1 React (Yellow) 0 Special (White) Alk

Section 4—First Aid Measures**Inhalation:** Unusual Exposure to mist will irritate respiratory system. Move Person to fresh air and keep comfortable.**Eyes:** Contact will cause burns. Continually flush with water. Remove contact lenses if present and easy to do and seek medical attention.**Skin:** Contact will cause skin irritation or burning. Remove contaminated clothing, flush skin with water for 15 minutes. Wash contaminated clothing before reuse.**Ingestion:** Swallowing will cause burning to mouth, throat and digestive system. Corrosive if swallowed, wash mouth, seek immediate medical attention. Call poison Control. Do not induce vomiting unless directed to do so by medical personnel.**Always seek medical attention if complications develop.****Section 6—Accidental Release Measures**

Personal Precautions: Keep unnecessary people away; isolate area and deny entry. Stay upwind. Do not eat, drink or smoke while cleaning up. (Also see section 8).

Protective Equipment: **EYES:** Chemical Safety goggles and or face shield **SKIN:** Gloves, Nitrile or PVC, waterproof boots, waterproof clothing. Keep personal water rinse near by **RESPIRATORY:** Chemical mist respirator in poorly ventilated areas.

Emergency Procedures: Use appropriate safety equipment. Eliminate sources of ignition. Collect and contain all spill with absorbent material for disposal. Cover drains. Contain large spills and pump into suitable tank for disposal.

Waste Disposal methods: Obey all local, state and federal regulations.**Section 8—Exposure Controls/ Personal Protection**

Exposure Limits	OSHA PEL	ACGIH TLV	Other
Propylene glycol methyl ether acetate	Not Available	Not Available	Not Known
Potassium Hydroxide	Not Listed	2 mg/ m ³	Not Known

Ventilation: Local & mechanical recommended

Personal protective equipment (PPE): **EYES:** Chemical Safety goggles and or face shield **SKIN:** Gloves, Nitrile or PVC, waterproof boots, waterproof clothing. Keep personal water rinse near by **RESPIRATORY:** Chemical mist respirator in poorly ventilated areas.

Section 9—Physical and Chemical Properties

Appearance / Color: Liquid, Reddish Brown
Odor: Fresh and clean scented
pH: High Alkaline & Solvent blend
Melting Point: Does Not Apply
Freezing Point: Less than -100 Degrees F.
Boiling Point: Not Available
Flash Point: 112.1 Degrees F. Small Scale closed cup ASTM D3278. **Note:** Product will not sustain combustion, burning or flame per ASTM D4206, therefore ships not flammable.
Evaporation Rate: Not Available
Lower Flammable Limit: Not Available
Upper Flammable Limit: Not Available
Vapor Pressure: Not Available
Vapor Density: Not Available
Relative Density / Specific Gravity: 1.088 gm/ml
Solubility(ies): Complete in water
Partition Coefficient: n-octanol/water: Not Available
Auto-ignition Temperature: Not Available
Decomposition Temperature: Not Available
Viscosity: Thin Liquid
V.O.C Content: Less than 30% (by weight)

Section 11—Toxicological Information

Signs and symptoms of overexposure:

Acute Effects:

Inhalation: Exposure to mist will irritate or burn respiratory system.

Eyes: Contact will cause burns.

Skin: Contact will cause skin irritation or burning.

Ingestion: Swallowing will cause burning to mouth, throat and digestive system.

Target Organ Effects: None are known

Chronic Effects: None are known

Carcinogenicity: None are known

Germ Cell Mutagenicity: None are known

Reproductive Toxicity: None are known

Medical Conditions Aggravated by Exposure: None are known

Section 10—Stability and Reactivity

Reactivity: Not available / none known

Chemical Stability: No decomposition, if handled and stored according to specifications.

Possibility of hazardous reactions: Avoid incompatible materials.

Conditions to avoid: Heat, sparks, flame.

Materials to avoid: Strong acids, oxidizers, Aluminum and other alloys.

Hazardous decomposition products: May produce toxic fumes of carbon monoxide if burning. Empty containers may contain residue. Do not pressurize, cut, heat, or expose containers to flame.

Section 12—Ecological Information

Persistence and degradability: All components contained in the product are classified as "readily biodegradable". This product is expected to be inherently biodegradable.

Bio-accumulative potential: There is no evidence to suggest bioaccumulation will occur.

Section 13—Disposal Considerations

Obey all local, state, federal and international regulations.

Section 14—Transportation Information

U.S. Department of Transportation (DOT)

UN/NA Number: UN1760

Proper Shipping Name: UN1760, Corrosive Liquid, N.O.S., (potassium Hydroxide), 8, PGII

Hazard Class: 8 (Corrosive)

Packing Group: II

Labels Required: Corrosive

U.S. / Canada Emergency Response Guide #: 154

International Maritime Organizations (IMDG)

UN/NA Number: UN1760

Proper Shipping Name: UN1760, Corrosive Liquid, N.O.S., (potassium Hydroxide), 8, PGII

Hazard Class: 8 (Corrosive)

Packing Group: II

Labels Required: Corrosive

Section 15—Regulatory Information

[WIIIMIS Classification]:

[USHA]:

[SERA]:

[TSCA]:

Section 16—Other Information

Date SDS Prepared: May 1st 2015 Revised: May 1st 2021

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Prepared in accordance with the OSHA Hazard Communication Standard (HCS) to conform with the United Nations (UN) Globally Harmonized System of Classification and Labeling of Chemical (GHS)