

DENDRITICS LLC GRAFFITI INK AND GOO REMOVER SAFETY

DATA

SHEET

Effective Date: 05/01/2021

Email: info@dendriticsllc.com

Emergency # Infotrac (800) 535-5053

SECTION I: IDENTIFICATION

PRODUCT NAME: Graffiti Ink and Goo Remover

CHEMICAL NAME & SYNONYMS:

PROCESSORS NAME: Dendritics LLC, 540 N. Commercial Street, 3rd Floor, Manchester, NH 03101
Phone: (603) 966-3076 • www.dendriticsllc.com

CAS #: MIXTURE Recommended Use: No Data Available

Restrictions on Use: No Data Available

SECTION II: HAZARD IDENTIFICATION

GHS Classification(s): Serious Eye Damage/Eye Irritation Category 1
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3 Flammable Liquid Category 4

Signal Word: Danger

Hazard Statements: Combustible Liquid.

Causes serious eye damage. May cause respiratory irritation.

Precautionary Statements:

Prevention: Keep away from heat, sparks, open flames and hot surfaces. – No smoking.

Avoid breathing dust, gas, mist, vapors or spray. Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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 or doctor/physician.

In case of fire: Use water spray, dry chemical, carbon dioxide, water fog to extinguish.

Storage: Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool. Store in a secure manner.

Disposal: Dispose of in accordance with local, regional and international regulations.

Hazards Not Otherwise Classified: None known.

Percentage of Components with Unknown Acute Toxicity: Dermal: 20 %

Inhalation Dust/Mist: 98 %

SECTION III: COMPOSITION /INFORMATION ON INGREDIENTS

Note: Any Chemical Identity and/or exact percentage not expressly stated is being withheld as a trade secret or is due to batch variation.

SECTION IV: FIRST AID MEASURES

EYE: If in eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Tilt head to avoid contaminating unaffected eye. Get immediate medical attention. Continue flushing eye for at least 15 minutes.

SKIN: If on skin: Flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention. Wash with soap and water.

INHALATION: If inhaled: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: If swallowed: Call a physician immediately. DO NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Rinse mouth with fresh water.

Description of Necessary Measures:

Skin Contact: Inhalation: Ingestion: Most Important Symptoms/Effects, Acute and Delayed:

Eye Contact: Causes mild to moderate irritation. May cause: pain, tearing, redness, swelling, stinging. Symptoms may include: blurred vision.

Skin Contact: May cause mild irritation. Symptoms may include: itching. Prolonged and repeated contact with skin can cause defatting and drying of the skin which may result in skin irritation and dermatitis. Prolonged or repeated exposure may cause: blurred vision.

Skin Absorption: May be harmful if absorbed through skin.

Inhalation: May cause moderate irritation. May irritate: respiratory tract. May cause: shortness of breath. Inhalation of high concentrations may cause: lung edema, dizziness, nausea.

Ingestion: May cause mild to severe irritation. May cause irritation of the: mucous membranes. May cause: gastrointestinal disturbances, gastrointestinal irritation, nausea, vomiting, diarrhea.

Indication of Immediate Medical Attention and Special Treatment Needed: Treat symptomatically.

SECTION V: FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media: DO NOT use a solid stream of water directly on the fire as the water may spread the fire to a larger area. Dry chemical. Carbon dioxide. Water spray. Water fog.

Specific Hazards Arising from the Chemical:

Fire and Explosion Hazards: COMBUSTIBLE LIQUID. Vapors are heavier than air. Vapors may settle in low or confined areas, or travel long distances along the ground or surface to an ignition source where they may ignite, flashback, or explode. Keep away from heat, sparks, flames or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment). Contact with strong oxidizing agents may cause fire. Rags soaked in solvent can present a fire hazard and should be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags, under certain conditions can lead to spontaneous combustion. Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous Combustion Products: Carbon monoxide. Carbon dioxide. Irritating and/or toxic gases. Fumes. Smoke.

Special Protective Equipment and Precautions for Fire-Fighters: Evacuate area of unprotected personnel. Wear protective clothing including NIOSH-approved self-contained breathing apparatus. Remain upwind of fire to avoid hazardous vapors and decomposition products. Use water spray to cool fire-exposed containers and disperse vapors. Do not apply a direct stream of water onto hot, burning liquids; this may cause frothing or violent steam generation.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, Emergency Procedures: COMBUSTIBLE LIQUID. Eliminate all sources of ignition. Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in Section 8. Never exceed any occupational exposure limit.

Methods and Materials for Containment and Clean Up: Contain spill, place into drums for proper disposal. Soak up residue with non-flammable absorbent material. DO NOT use sawdust or other cellulose-type material. Place in non-leaking containers for immediate disposal. Flush remaining area with water to remove trace residue and dispose

of properly. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs. CAUTION: Spilled material is slippery. Stop the flow of material, if this is without risk.

SECTION VII: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Avoid breathing vapors, mists, or dust. Do not eat, drink, or smoke in work area. Wash thoroughly after handling. Empty containers retain product residue (vapor, dust, or liquid) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other source of ignition. They may explode and cause injury or death. Keep away from all sources of ignition. Handle and open container with care. Use non-sparking tools when opening and closing containers.

Conditions for Safe Storage, Including any Incompatibilities: COMBUSTIBLE LIQUID. Store in a cool, well ventilated area away from all sources of ignition and out of direct sunlight. Store in a dry location away from heat. Keep away from incompatible materials. Keep containers tightly closed. Do not store in unlabeled or mislabeled containers. Static electricity may accumulate and create a fire hazard. Ground fixed equipment. Bond and ground transfer containers and equipment. Protect containers against physical damage. Keep away from food, drink and animal feed. Keep away from heat, sparks, and flames.

SECTION VIII: EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA Exposure Guidelines:

Component Limits

No components found.

ACGIH Exposure Guidelines:

Component Limits

No components found.

Engineering Controls: General room ventilation and local exhaust are required. Use explosion-proof ventilation equipment. Maintain adequate ventilation. Avoid creating dust or mist. Do not use in closed or confined spaces.

Individual Protection Measures:

Eye/Face Protection: Wear chemical safety goggles and a full face shield while handling this product.

Skin Protection: Prevent contact with this product. Wear gloves and protective clothing depending on condition of use. Protective gloves: Impervious. Chemical-resistant.

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. If dust, mist or spray is present, wear: NIOSH-Approved air-purifying respirator with: Organic vapor/acid gas cartridge. NIOSH-Approved respirator. DO NOT exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator's use.

Other Protective Equipment: Eye-wash station. Safety shower. Rubber apron. Chemical safety shoes. Protective clothing. Rubber boots.

General Hygiene Conditions: Wash with soap and water before meal times and at the end of each work shift. Good manufacturing practices require gross amounts of any chemical be removed from skin as soon as practical, especially before eating or smoking. Handle in accordance with good industrial hygiene and safety practice

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.

Color: Clear.

Odor: Mild odor.

Odor Threshold: N.D.

pH: N.A.

Freezing Point (deg. F): N.D.

Melting Point (deg. F): N.D.

Initial Boiling Point or Boiling Range: 289 °F

Flash Point: 152 °F

Flash Point Method: N.A. Evaporation Rate (nBuAc = 1): N.D. Flammability (solid, gas): N.D. Lower Explosion Limit: N.A.

Upper Explosion Limit: N.A. Vapor Pressure (mm Hg): 1.0 Vapor Density (air=1): 4.1

Specific Gravity or Relative Density: 1.008 Solubility in Water: 20% IN WATER Partition Coefficient (n-octanol/water): N.D. Autoignition Temperature: N. D. Decomposition Temperature: N.D. Viscosity: N.D.
 % Volatile (wt%): N.D.
 VOC (wt%): 84
 VOC (lbs/gal): 7
 Fire Point: N.D.

SECTION X: STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under normal conditions.

SECTION XI: TOXICOLOGICAL INFORMATION

Possibility of Hazardous Reactions: Hazardous polymerization will not occur under normal conditions.

Conditions to Avoid: Avoid contact with heat, sparks, electric arcs, other hot surfaces, and open flames.

Incompatible Materials: Strong oxidizing agents. Strong acids. Strong bases. Oxidizing agents. Strong alkalis.

Hazardous Decomposition Products: Carbon monoxide. Carbon dioxide.

Routes of Exposure: Eyes. Skin. Inhalation. Ingestion.

Symptoms/Effects: Acute, Delayed and Chronic:

Eye Contact: Causes mild to moderate irritation. May cause: pain. tearing. redness. swelling. stinging. Symptoms may include: blurred vision.

Skin Contact: May cause mild irritation. Symptoms may include: itching. Prolonged and repeated contact with skin can cause defatting and drying of the skin which may result in skin irritation and dermatitis. Prolonged or repeated exposure may cause: blurred vision.

Skin Absorption: May be harmful if absorbed through skin.

Inhalation: May cause moderate irritation. May irritate: respiratory tract. May cause: shortness of breath. Inhalation of high concentrations may cause: lung edema. dizziness. nausea.

Ingestion: May cause mild to severe irritation. May cause irritation of the: mucous membranes. May cause: gastrointestinal disturbances. gastrointestinal irritation. nausea. vomiting. diarrhea.

Numerical Measures of Toxicity:

This product does not contain 0.1% or more of the known or potential carcinogens listed in NTP, IARC, or OSHA.

Medical Conditions Aggravated by Exposure to Product: Eye disorders. Respiratory system disorders.

Other: Temporary blurred vision has been reported with inhalation, skin and eye contact.

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicological Information: No data available.

Chemical Fate Information: No data available.

SECTION XIII: DISPOSAL CONSIDERATIONS

Hazardous Waste Number: N.A.

Disposal Method: Dispose of in accordance with all local, state and federal regulations. DO NOT pressurize, cut, weld, solder, drill, grind or expose empty containers to heat, flame, sparks or other sources of ignition. Since emptied containers retain product residue, follow label warnings even after container is emptied.

SECTION XIV: TRANSPORTATION INFORMATION

DOT (Department of Transportation):

Identification Number: NA1993

Proper Shipping Name: Combustible Liquid, N.O.S. (Ethyl Lactate)

Hazard Class: Combustible Liquid

Packing Group: III

Note: In containers of 119-gallon capacity or less this product is not regulated by the DOT. Label/Placard: exception 173.150 (f) applies.

IATA: Not Regulated

IMDG: Not Regulated

SECTION XV: REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.

SARA Title III Section 311/312 Category Hazards:

***Prop 65 - May Contain the Following Trace Components:**

This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm.

SECTION XVI: OTHER INFORMATION

Hazard Rating System Health: 2

Flammability: 2

Reactivity: 0

* = Chronic Health Hazard

NFPA Rating System Health: 2

Flammability: 2

Reactivity: 0

Special Hazard: None

SDS Abbreviations

N.A. = Not Applicable

N.D. = Not Determined

HAP = Hazardous Air Pollutant VOC = Volatile Organic Compound C = Ceiling Limit

N.E./Not Estab. = Not Established SDS Prepared by: LMP

Reason for Revision: Changes made throughout the SDS.

Revised: 03-06-2017

Replaces: 07-16-2015

The data in this Safety Data Sheet relates to the specific material designated and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control it should not be taken as warranty or representation for which Dendritics, LLC assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.