SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: Kick (Liquid or Gel)
Product Use: Graffiti Remover
Manufactured for: Visual Pollution Technologies, Inc.
P.O. Box 12833
Scottsdale, AZ 85267-2833

Product Identification # (PIF): 00733
Emergency Telephone #: 1-800-255-3924 ChemTel
General Information #: 480-657-9183
Date Prepared: August 23, 2013
Date Revised: May 6, 2016

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Hazard Codification



Signal Word: DANGER

Hazard Statement	Category	Code	Hazard Class
May be corrosive to metals	1	H290	Corrosive to Metals
Combustible liquid	4	H227	Flammable Liquid
May be harmful if swallowed	5	H303	Acute Oral Toxicity
May be harmful if swallowed and enters airways	2	H305	Aspiration Hazard
Causes severe burns and eye damage	1B	H314	Skin Corrosion
Causes serious eye damage	1	H318	Eye Damage
May cause respiratory irritation	3	H335	STOT: SE, Respiratory Tract Irritation
May damage fertility or the unborn child	1B	H360	Reproductive Toxicity
Toxic to aquatic life	2	H401	Hazardous to the Aquatic Environment, Acute

Precautionary Measures:

Category	Code	Statement
Prevention	P201	Obtain special instructions before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking.
	P234	Keep only in original container.
	P260	Do not breathe fumes/mists/ vapors/sprays.
	P264	Wash thoroughly after handling.
	P271	Use only outdoors or in a well-ventilated area.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P281	Use personal protective equipment as required.
Response	P301	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
	P330	Rinse mouth.
	P331	Do NOT induce vomiting.
	P303+P361+P353	IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower.
	P363	Wash contaminated clothing before reuse.
	P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P310	Immediately call a POISON CENTER or doctor/physician.
	P321	Specific treatments: See section 4 First Aid Measures.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
	P310	Immediately call a POISON CENTER or doctor/physician.
	P308+P313	IF exposed or concerned: Get medical attention/advice.
	P370+P378	In case of fire: Use Foam, dry chemical, carbon dioxide fire extinguishers, water spray for extinction.
	P390	Absorb spillage to prevent material damage.
Storage	P403+P233+P235	Store in a well ventilated place. Keep container tightly closed. Keep Cool.
	P405	Store locked up.
Disposal	P501	Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations.

Hazards not otherwise classified: Inhaling mists/sprays of material is corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest).

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Name	CAS #	Concentration Range %
1-Methyl-2-pyrrolidinone	n-Methyl pyrrolidone, NMP	872-50-4	66 – 70
1-Methoxy 2-Propanol Acetate	Glycol ether PM acetate	108-65-6	2 – 6
Phosphoric acid	None known	7664-38-2	0.5 – 3

SECTION 4. FIRST AID MEASURES

Eyes: Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses and continue rinsing. Immediately call a POISON CENTER or doctor/physician.
Skin or Hair: Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash with soap and water. Wash contaminated clothing before reuse. If irritation persists, seek medical attention.
Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician immediately. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration by way of pocket mask equipped with one-way valve or other proper respiratory device – Do NOT use mouth-to-mouth method if victim inhaled material. Call a physician.
Ingestion: Call a physician immediately! DO NOT INDUCE VOMITING. Rinse mouth. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Other: May damage fertility or the unborn child. IF exposed or concerned, get medical attention/advice.

SECTION 5. FIRE-FIGHTING MEASURES

Flash Point: >140^{o}F (>60^{o}C)
Flammability: Class IIIA Combustible Liquid
Extinguishing Media: Foam, dry chemical, carbon dioxide fire extinguishers, water spray. Do not spray water directly on fire. Use water spray to cool containers.
Specific hazards arising from chemical: Vapors are heavier than air and may travel along the ground to an ignition source.
Hazardous combustion products: Oxides of carbon, nitrogen and phosphorus.
Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
Sensitivity to static discharge: This product is not sensitive to static discharge.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required (Section 8). Keep away from heat/sparks/open flames/hot surfaces – No smoking. Ventilate area. Do not breathe fumes/mists/vapors/sprays. Wash thoroughly after handling.
For Small Spills: Avoid release to the environment. Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Vapor-suppressing foam may be used to reduce vapors. Neutralize with weak basic material (soda ash), then absorb spill with vermiculite or other inert material, and then place in a container for chemical waste. Litmus paper may be used to confirm neutralization. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required (Section 8). Use only outdoors or in a well-ventilated area. Use with adequate ventilation. Do not breathe fumes/mists/vapors/sprays. Keep away from heat/sparks/open flames/hot surfaces – No smoking. Vapors are heavier than air and may travel along the ground to an ignition source. Avoid release to the environment. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not premix with other chemicals. Empty containers may contain residue and can be dangerous. Do not eat, drink or smoke in work areas. Wash thoroughly after handling.
Storage: Keep away from heat, flame, or sunlight – Keep cool. Keep from freezing. Keep only in original container. Keep container tightly closed when not in use. Store locked up. Store in a well-ventilated place. Protect from physical damage. Store away from strong oxidizing agents and strong bases.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS #	OSHA/PEL	ACGIH/TLV	STEL
1-Methyl-2-pyrrolidinone	872-50-4	10 ppm	Not determined	Not determined
1-Methoxy 2-Propanol Acetate	108-65-6	Not established	Not established	Not established
Phosphoric acid	7664-38-2	1mg/m3	1mg/m3	Not established

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.
Personal protective equipment as required:

Eye: Safety glasses with side shields or splash proof goggles and face shield.
Skin: Chemical resistant (impervious) gloves. Normal materials handling clothing and apron. Boots.
Respirator: Use NIOSH approved protection with organic vapor/acid cartridge if PEL is exceeded, if vapors are causing irritation, or if mists/spays are generated.
Other: Use only in a well ventilated area. Do not eat, drink or smoke while handling. Wash thoroughly after handling. Pregnant women and women attempting to become pregnant should avoid use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless, clear gel	Upper/Lower flammability limits	Not determined
Odor	Slight amine	Vapor pressure @ 20^{o}C	0.5 mmHG
Odor threshold	Not determined	Vapor density (Air = 1)	>1
pH	1 – 3	Relative Density (water = 1.0)	0.999 g/ml
Melting point	Not determined	Solubility	Insoluble in water
Freezing point	Not determined	Partition coefficient (n-octanol/water)	Not determined
Boiling point	Not determined	Auto-ignition temperature	Not determined

Flash point	>140ºF (>60ºC)	Decomposition temperature	Not determined
Evaporation rate (n-butyl acetate=1)	<1	Viscosity, #5 at 30rpm Brookfield	1000 – 5000 cps
Flammability	Class IIIA Combustible	Product VOC by weight	72%

SECTION 10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions. Hygroscopic. Reacts with chlorinating agents to form the amide. Reacts with sulfur or carbon disulfide at high temperatures and pressures.
Chemical stability: Stable under normal, ambient temperature and conditions.
Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
Incompatible materials: Avoid strong oxidizing agents and strong bases.
Hazardous combustion products: Oxides of carbon, nitrogen and phosphorus.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:

Oral (LD50 Rat): 3914 mg/kg – n-Methyl pyrrolidone
Dermal (LD50 Rabbit): 8 gm/kg – n-Methyl pyrrolidone
Inhalation (LC50 Rat): Not determined

Skin corrosion/irritation: Corrosive to skin. Symptoms may include burns, ulceration and scarring.
Serious eye damage/irritation: Corrosive to eyes. Symptoms may include severe irritation, disintegration, scarring and clouding.
Respiratory or skin sensitization: Inhaling mists/sprays of material is corrosive to respiratory tract and may cause pulmonary edema (shortness of breath and tightness of chest).
Germ cell mutagenicity: No data available
Carcinocenicity: NTP/IARC/OSHA Carcinogen: 1-methyl-2-pyrrolidinone 872-50-4 – NTP, Naphthalene #91-20-3 – Group 2B IARC (Possibly carcinogenic to humans)
Reproductive toxicity: May damage fertility or the unborn child.
STOT-single exposure: May cause respiratory irritation.
STOT-repeated exposure: Not classified
Aspiration hazard: May be harmful if swallowed and enters airways. Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death.
Ingestion: Corrosive to the mouth, throat and gastrointestinal tract. Aspiration into the lungs may result in damage or death. Corrosive to digestive tract. May cause severe pain, burning, vomiting and diarrhea. Lung aspiration may result in chemical pneumonitis, pulmonary edema, damage to lung tissue, and in extreme cases death.
Likely routes of exposure: Eyes, skin and inhalation
Interactive effects: May damage fertility or the unborn child. Pregnant women and women attempting to become pregnant should avoid use.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity:

96h LC-50 (fish): >100ppm
96h EC-50 (invertebrates): Not determined
48h LC-50 (algae): Not determined

Persistence and degradability: Expected to be readily biodegradable.
Bioaccumulative potential: This material is not expected to bioaccumulate significantly.
Mobility in soil: Soil mobility – expected to evaporate to a moderate extent. This product is miscible in water and may spread in water systems. This product is volatile and may spread in the atmosphere.
Other adverse effects: Toxic to aquatic life – avoid release to the environment. This product can raise the pH of an aquatic environment, and thus be toxic to fish and aquatic plants. As with all chemicals, work practices should be aimed at eliminating environmental releases.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Toxic to aquatic life - Avoid release to the environment.
Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 Corrosive (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

UN/ID No.: UN3264
Proper Shipping Name: Corrosive Liquids, Acidic, Inorganic, n.o.s., (Phosphoric acid)
Hazard Class: 8
Packing Group: III
49 CFR §173.154 (b) (2) (Exemption): This product can ship as “Limited Quantity” in inner packaging not over 1.3 gallons (5.0 Liter). (Non Hazardous)

IATA and IMDG:

UN/ID No.: UN3264
Proper Shipping Name: Corrosive Liquids, Acidic, Inorganic, n.o.s., (Phosphoric acid)
Hazard Class: 8
Packing Group: III
Marine Pollutant (IMDG Code): Not listed (49 CFR 172.101).
Toxic to aquatic life.

Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered in bulk for transport overseas.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.
SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.
SARA TITLE III Section 311/312:

Immediate (Acute) Health	Yes	Fire Hazard	Yes
Delayed (Chronic) Health	No	Reactive Hazard	No

SARA Title 313: This material contains the following chemical components with known CAS numbers subject to reporting requirements (40 CFR 372): 1-methyl-2pyrrolidinone #872-50-4, percent by weight = 100%,
CERCLA: Phosphoric acid CAS# 7664-38-2 has a reportable quantity of 5,000 lbs. at 100% concentration, however, this product is not considered a Hazardous Substance since the quantity does not equal or exceed the RQ in one package (49 CFR 171.8, definition of "Hazardous Substance").
United States Right-To-Know: N-Methyl Pyrrolidone CAS#872-50-4 – Massachusetts, New Jersey, Pennsylvania. Phosphoric Acid CAS# - Massachusetts, Minnesota, Rhode Island, New Jersey & Pennsylvania.
Proposition 65: This material contains the following ingredients for which the state of California has found to cause cancer, birth defects or other reproductive harm: N-methyl pyrrolidinone CAS# 872-50-4.
RCRA: A waste containing this product may have the RCRA hazardous waste no. D002 Corrosive (40 CFR 261.22).

SECTION 16. OTHER INFORMATION

Date Prepared: May 6, 2016 – SDS updated to meet revision #5 GHS requirements.
Hazard Ratings (HMIS): Health 3, Flammability 2, Reactivity 0 (Scale 0 – 4). Personal Protection Rating to be supplied by user based on use conditions.
Carefully read all instructions on label before handling this product.
Keep out of reach of children.
"FOR INDUSTRIAL USE ONLY"

Abbreviation	Full Name/Explanation
ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CNS	Central Nervous System
CFR	Code of Federal Regulations
DOT	Department of Transportation
EC	Effective Concentration
GHS	Globally Harmonized System
HMIS	Hazardous Material Information System
LC	Lethal Concentration
LD	Lethal Dose
NA	Not Applicable
ND	Not Determined
NE	Not Established
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation Recovery Act
SARA	Superfund Amendments and Reauthorization Act
STEL	Short-Term Exposure Limit
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
VOC	Volatile Organic Compounds

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.
Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.
SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.