

Safety Data Sheet

40903 Mötsenböcker's LIFT OFF® Pen, Ink, & Marker Remover

Stoner

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1. IDENTIFICATION

Stoner Incorporated
1070 Robert Fulton Hwy.
Quarryville, PA 17566
1-800-227-5538

Product Name: Mötsenböcker's LIFT OFF® Pen, Ink, & Marker Remover
Product Code: 40903
Product Use: Graffiti Remover
24-hour emergency phone: 1-800-424-9300 [CHEMTREC]

2. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard
Symbols



GHS Classification

Flammable Liquid Category 2
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A

Signal Word

Danger

Hazard Statements

Highly flammable liquid and vapour.
Causes skin irritation.
Causes serious eye irritation.

Precautionary Statements

Prevention

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating and lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
P264 - Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Response

P302+P352 - If on skin: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment (see on this SDS).
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
P370+P378 - In case of fire: Use proper media to extinguish.

Storage

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

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	Percent
Glycol ether	111-76-2	1-20
2-propanone	67-64-1	1-20
Organic salt	Mixture	1-20

HMIS® III* HAZARDOUS WARNINGS:

Health: 2

Flammability: 3

Physical: 0

Personal
Protective
Equipment:

See Section 8

* See www.paint.org/hmis or call the NPCA at 1 (202) 462-6272 for more information on this current rating system.

4. FIRST AID MEASURES

Eyes: Immediately flush eyes gently with plenty of water for at least 15 minutes while holding eyelids apart. If symptoms persist or there is visual difficulty, seek medical attention. Immediately move individual away from exposure and into fresh air. Seek immediate medical attention.

Skin Contact: In case of contact, immediately wash contaminated area with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist. Wash clothing before reuse. Wash the contaminated skin with soap and water.

Ingestion: Do not induce vomiting. Contact a physician, medical facility, or poison control center immediately.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep the victim warm and quiet. Seek immediate medical attention. Continue your efforts until help arrives or the victim starts to breathe on his own. Do not leave victim alone.

NOTES TO PHYSICIAN:

No additional first aid information available. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lung (for example, asthma-like conditions); liver; kidney; skin; blood forming system;

5. FIRE FIGHTING MEASURES

Fire and/or Explosion Hazards: This product contains a component(s) that is considered a flammable liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, or other flames and ignition sources at locations distant from the material's handling point.

Fire Fighting Instructions: Use water spray, foam, dry chemical, or CO2. Water is generally not effective and may spread fire; however, water spray may be used from a safe distance to cool closed containers and protect surrounding area.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition. Wear appropriate personal protective equipment (PPE). Stop or reduce discharge if it can be done safely. Ventilate contaminated area. Avoid run-off into storm sewers and ditches which may lead to natural waterways. If runoff occurs, notify authorities as required. Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling: If ventilation is not sufficient, wear proper respiratory equipment. Do not use near ignition sources. Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Do not store containers in excessive heat or direct sunlight. Protect container against physical damage. Use with adequate ventilation.

Storage: Keep container tightly closed when not in use. Store in a cool, dry, well ventilated area away from all sources of ignition. Keep away from heat, sparks and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Ventilation should be adequate to prevent exposures above the limits indicated below in this section of the SDS (from known, suspected or apparent adverse effects). Local exhaust should be used in areas where exposure limits may be exceeded.

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid or airborne material. Have an eye wash station available.

Skin Protection: The use of chemically resistant gloves is recommended if there is any possibility of prolonged or repeated liquid contact with skin.

Respiratory Protection: Use NIOSH approved respirator where there is likelihood of inhalation of the product mist, spray or aerosol. A supplied air respirator should be used if ventilation is not sufficient to maintain exposure limits. If respiratory irritation develops below the recommended exposure limits, use an NIOSH approved nuisance dust/mist/organic vapor respirator.

COMPONENT	CAS #	ACGIH TLV	OSHA PEL	OTHER
Glycol ether	111-76-2	20 ppm [skin]	Not established	Not established
2-propanone	67-64-1	500 ppm TWA	Not established	Not established
Organic salt	Mixture	2 mg/m ³	Not established	Not established

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Bulk liquid	Lower Flammability Limit (%):	0
Appearance:	Clear Colorless	Upper Flammability Limit (%):	13
Odor:	Fruity	Vapor Pressure (PSIG @ 70°F):	Not determined
Odor Threshold:	None	Vapor Density [air = 1]:	> 1
pH:	8.5 - 9.5	Relative Density (H2O=1):	1
Melting/Freezing Point (°F):	No data available	Solubility in Water:	Complete; 100%
Boiling Point (°F):	No data available	Partial Coefficient: n-octanol/water:	No data available
Flash Point (°F PMCC):	55.4	Autoignition Temperature (°F):	Not applicable
Evaporation Rate:	Not determined	Decomposition Temperature (°F):	No data available
Flammability (solid, gas):	No data available	Viscosity, dynamic (cSt):	No data available
Percent VOCs (%):	1-20		

10. STABILITY AND REACTION

Chemical Stability:	Stable.
Conditions to Avoid:	Avoid contact with: Ignition sources such as open flames, sparks, static discharges or glowing metal surfaces. Strong alkalis. Strong oxidizing agents. Acids. Aluminum. Copper. Reactive materials such as aluminum and magnesium.
Decomposition Products:	Burning can produce the following combustion products: Carbon dioxide and carbon monoxide. Various hydrocarbons. Ammonia. Oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Reproductive & Developmental	No data available.
Toxicity:	

Ingredient	CAS #	Toxicological Data
Glycol ether	111-76-2	Dermal LD50 Mouse > 3500 mg/kg Oral LD50 Rat = 2000 mg/kg Inhalation LC50 (6h) Rat > 3 mg/L
2-propanone	67-64-1	Dermal LD50 Rat > 7426 mg/kg Oral LD50 Rat = 5800 mg/kg Inhalation LC50 (4h) Rat > 76 mg/L

12. ECOLOGICAL INFORMATION

Ecological Toxicity:	No data available
Mobility:	No data available
Degradability:	No data available.

Ingredient	CAS #	Toxicological Data
Glycol ether	111-76-2	Aquatic LC50 (96h) MINNOW = 72860 mg/L Aquatic LC50 (48h) Daphnia > 100 mg/L Aquatic LC50 (96h) Algae 6500 - 13000 mg/L
2-propanone	67-64-1	Aquatic LC50 (48h) Rainbow Trout = 6100 mg/L 48HR EC50 Daphnia = 7630 mg/L

13. DISPOSAL CONSIDERATIONS

Disposal : Dispose according to Federal, State and local regulations.

14. TRANSPORTATION INFORMATION

Agency	UN Number	Proper Shipping name	Hazard Class	Packing Group
DOT	UN1993	Flammable Liquids, n.o.s.(Contains Acetone)	3	II
IATA	UN1993	Flammable Liquids, n.o.s.(Contains Acetone)	3	II
IMDG	UN1993	Flammable Liquids, n.o.s.(Contains Acetone)	3	II

15. REGULATORY INFORMATION

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

COMPONENT	CAS #	% BY WEIGHT	Regulatory Body
No components listed in this section.			SARA Section 313

Warning: This product may contain chemicals known to the State of California to cause cancer. See list below.

No components listed in this section.	Prop65 Cancer
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Warning: This product may contain chemicals known to the State of California to cause birth defects. See list below.

No components listed in this section.	Prop65 Birth Defects
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All components of this product are listed on the TSCA inventory.

16. OTHER INFORMATION

Other Information : SDS Prepared by L. Dean Swartz, SDS Coordinator

Version Date: 12/29/15

This information contained in this SDS is believed to be accurate as of the version date, but is not warranted to be. Since the use of this information and the conditions of use of this product are not within the control of Stoner Inc, it is the user's obligation to determine the conditions of safe use.