

Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Address 1061 N SHEPARD ST, Suite E, ANAHEIM 92806 CA, USA
Telephone +1 (714) 786-8000
Emergency +61 2 9938 1036
Web Site www.sosafeusa.com
Supplier Name Bracton SoSafe Inc.
Product Name SoSafe Graffiti Remover for Painted and sensitive surfaces
Use(s) SoSafe Yellow – Yellow Label
MSDS Date FEBRUARY 10, 2013

2. HAZARDS IDENTIFICATION

Emergency Overview

RISK PHRASES

R36/38 Irritating to eyes and skin.

SAFETY PHRASES

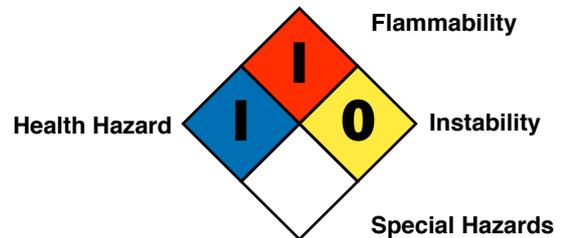
S41 In case of fire and/or explosion, do not breathe fumes.

Refer to Toxicological Information: Section 11

HMIS

Health	1
Flammability	1
Physical Hazard	0
Personal Protection	

NFPA



3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content
1-METHYL-2-PYRROLIDINONE	872-50-4	30-50%
ADDITIVES	Not Available	30-60%
SURFACTANT	Not Available	<10%

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the PIC or a doctor, or for at least 15 minutes.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the PIC or a doctor.

Inhalation If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Ingestion For advice, contact the Poison Control Centre at 1-800-222-1222 or a physician (at once). If swallowed, do not induce vomiting.

Advice to Doctor Treat symptomatically

First Aid Facilities Eye wash facilities should be available.

5. FIRE FIGHTING MEASURES

Fire and Explosion	Combustible. Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon oxides, nitrogen oxides) may be evolved. Remain upwind and notify those downwind of potential hazard. Wear full protective equipment (see spill) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
Extinguishing	Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways, absorb runoff with Sand or similar.
Flammability	Combustible. May evolve toxic gases (carbon/ nitrogen oxides, hydrocarbons) when heated to decomposition.
Hazchem Code	None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt (bulk), collect and reuse where possible. Wear splash-proof goggles, PVC/rubber gloves, coveralls or protective clothing and boots. Where an inhalation risk exists, wear a Type A (Organic vapour) respirator. Prevent spill entering drains or waterways. Absorb with sand or similar and place in sealable containers for disposal.

7. STORAGE AND HANDLING

Handling

Store in cool, dry, well ventilated area, out of direct sunlight and out of reach of children, removed from oxidising agents, acids and alkalis, direct sunlight, heat and ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Store as a Class C1 Combustible Liquid (AS1940).

Storage

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

1-METHYL-2-PYRROLIDINONE

Exposure Stds

ES-STEL : 75 ppm (309 mg/m³) 1-Methyl-2-pyrrolidone

ES-TWA: 25 ppm (103 mg/m³) 1-Methyl-2-pyrrolidone

WES-TWA: 25 ppm (103 mg/m³)

Engineering Controls Use with adequate natural ventilation. Open windows and doors where possible. In poorly ventilated areas, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

PPE Wear splash-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear coveralls. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	CLEAR LIQUID	Solubility (water)	SOLUBLE
Odour	MILD CITRUS ODOUR	Specific Gravity	1.0 to 1.1
pH	7	% Volatiles	90 % (Approximately)
Vapour Pressure	NOT AVAILABLE	Flammability	CLASS C1 COMBUSTIBLE
Vapour Density	> 1 (Air = 1)	Flash Point	> 203°F
Boiling Point	365°F	Upper Explosion Limit	9.5 %
Melting Point	NOT AVAILABLE	Lower Explosion Limit	1.3 %
Evaporation Rate	NOT AVAILABLE	Autoignition Temperature	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended conditions of storage.

Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources.

Material to Avoid

Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulphuric acid), alkalis (eg. hydroxides), heat and ignition sources. This product is hygroscopic (readily absorbs moisture in any form).

Decomposition

May evolve toxic gases (carbon/ nitrogen oxides, hydrocarbons) when heated to decomposition.

Hazardous Reactions

Hazardous polymerization is not expected to occur.

Health Hazard Summary

Low to moderate toxicity - Irritant. This product has the potential to cause eye and skin irritation and headaches with over exposure. Experimental reproductive effects have been reported.

11. TOXICOLOGICAL INFORMATION

Eye	Irritant. Contact may result in irritation, lacrimation, pain, redness and conjunctivitis. Prolonged contact may result in corneal burns and possible permanent damage.
Inhalation	Irritant. Over exposure may cause respiratory tract irritation and headache. High levels may cause pulmonary oedema.
Skin	Irritant. Contact may result in irritation, redness, rash and dermatitis.
Ingestion	Low to moderate toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea.
Toxicity Data	1-METHYL-2-PYRROLIDINONE (872-50-4) LD50 (Ingestion): 3914 mg/kg (rat) LD50 (Skin): 8000 mg/kg (rabbit)

12. ECOLOGICAL INFORMATION

Environment Limited ecotoxicity data was available for this product at the time this report was prepared.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Disposal requirements are dependent on the hazard classification of the waste produced, as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. The disposal of this material must be conducted in compliance with the relevant parts of 40 CFR 261. Check state and local regulation for any additional requirements, as these may be more restrictive than federal laws and regulation.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

DOT (Domestic Surface Transportation)

DOT Proper Shipping Name None Allocated

UN No. None Allocated **DG Class** None Allocated **Subsidiary Risk(s)** None Allocated

Pkg Group None Allocated

15. REGULATORY INFORMATION

US EPCRA and CAA Regulatory Information

The following components are subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act (CAA):

Ingredient Name	CAS No	Sara 302 (TPQ)	Sara 304 (RQ)	CERCLA (RQ)	Sara 313	RCRA Code	CAA (TQ)
1-METHYL-2-PYRROLIDINONE	872-50-4				313		

Refer to Section 16 - Summary of Codes

Carcinogenicity

None of the components of this product are listed on the NTP/IARC/OSHA lists.

TSCA

The following components are not listed on the TSCA Inventory List: All components are listed on the TSCA Inventory List.

CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical known to the state of California to cause cancer. This product contains 1-methyl-2-pyrrolidinone that has been listed pursuant to Proposition 65, California Health & Safety Code. Employers may have obligation to warn their employees and other on their premises of potential exposure to Proposition 65 listed substances.

16. OTHER INFORMATION

Report Status The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Report