

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/26/2001

Reviewed on 03/28/2000

1 Identification of substance

Product details

Trade name: GRAFFITI REMOVER

Product code: 0000200047

Manufacturer/Supplier:
SEYMOUR OF SYCAMORE
917 Crosby Avenue
Sycamore, IL 60178



+1 815-895-9101

Information department: Health & Safety Department
Emergency information: CHEMTREC 1 800 255 3924

2 Composition/Data on components

Chemical characterization

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:	
5989-27-5 (R)-p-mentha-1,8-diene	29.2782%
74-98-6 propane	18.9006%
67-64-1 acetone	15.3129%
106-97-8 butane	11.1003%
872-50-4 N-methyl-2-pyrrolidone	9.7594%
67-56-1 methanol	0.8133%

3 Hazards identification

Hazard description:



Irritant
Extremely flammable
Dangerous for the environment

Information pertaining to particular dangers for man and environment:

Extremely flammable.

Irritating to eyes and skin.

May cause sensitization by skin contact.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Contains 85.2 mass percent inflammable materials.

Keep out of the reach of children.

Classification system:

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

NFPA ratings (scale 0 - 4)



Health = 1
Fire = 4
Reactivity = 3

HMIS-ratings (scale 0 - 4)

HEALTH	1
FIRE	3
REACTIVITY	3

Health = 1
Fire = 3
Reactivity = 3

4 First aid measures

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

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After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: If symptoms persist consult doctor.**5 Fire fighting measures****Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.**For safety reasons unsuitable extinguishing agents:**

Water

Water with full jet

Special hazards caused by the material, its products of combustion or resulting gases:

During heating or in case of fire poisonous gases are produced.

Protective equipment: Mount respiratory protective device.**6 Accidental release measures****Person-related safety precautions:**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

7 Handling and storage**Handling:****Information for safe handling:** Open and handle receptacle with care.**Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

Storage:**Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Observe official regulations on storing packagings with pressurized containers.

Information about storage in one common storage facility: Not required.**Further information about storage conditions:**

Keep receptacle tightly sealed.

Do not gas tight seal receptacle.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

8 Exposure controls and personal protection**Additional information about design of technical systems:** No further data; see item 7.**Components with limit values that require monitoring at the workplace:****74-98-6 propane**ACGIH TLV 4508 mg/m³, 2500 ppmNIOSH REL 1800 mg/m³, 1000 ppmOSHA PEL 1800 mg/m³, 1000 ppm**67-64-1 acetone**ACGIH TLV Short-term value: 1782 mg/m³, 750 ppmLong-term value: 1188 mg/m³, 500 ppm

BEI

NIOSH REL 590 mg/m³, 250 ppmOSHA PEL 2400 mg/m³, 1000 ppm(Contd. on page 3)
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106-97-8 butane

ACGIH TLV 1900 mg/m³, 800 ppm
 NIOSH REL 1900 mg/m³, 800 ppm

67-56-1 methanol

ACGIH TLV Short-term value: 328 mg/m³, 250 ppm
 Long-term value: 262 mg/m³, 200 ppm
 Skin; BEI
 NIOSH REL Short-term value: 325 mg/m³, 250 ppm
 Long-term value: 260 mg/m³, 200 ppm
 Skin
 OSHA PEL 260 mg/m³, 200 ppm

Additional information: The lists that were valid during the creation were used as basis.

Personal protective equipment:**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Wash hands before breaks and at the end of work.
 Avoid contact with the eyes and skin.

Breathing equipment: Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands:

Protective gloves

Eye protection:

Tightly sealed goggles

9 Physical and chemical properties

Form: Aerosol
Color: According to product specification
Odor: Characteristic

Change in condition
Melting point/Melting range: Undetermined.
Boiling point/Boiling range: -44°C (-47°F)

Flash point: -19°C (-2°F)

Ignition temperature: 255.0°C (491°F)

Auto igniting: Product is not selfigniting.

Danger of explosion: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Explosion limits:
Lower: 0.7 Vol %
Upper: 13.0 Vol %

Vapor pressure at 20°C (68°F): 8300.0 hPa

Density: Not determined.

Solubility in / Miscibility with
Water: Not miscible or difficult to mix.

Solvent content:
Organic solvents: 85.1 %
Water: 0.1 %

Solids content: 14.8 %

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10 Stability and reactivity

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions No dangerous reactions known.**Dangerous products of decomposition:** No dangerous decomposition products known.

11 Toxicological information

Acute toxicity:

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.**on the eye:** Irritating effect.**Sensitization:** Sensitization possible through skin contact.

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant.

12 Ecological information

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Also poisonous for fish and plankton in water bodies.

13 Disposal considerations

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torches.

Product:

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14 Transport information

DOT regulations:



Hazard class:

Consumer Commodity

ORM-D

Identification number:

N/A

Packing group:

-

Proper shipping name (technical name): Consumer Commodity

Land transport ADR/RID (cross-border):



ADR/RID class:

2 Gases

Item:

5 F

Danger code (Kemler):

-

UN-Number:

1950

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Description of goods: 1950 Aerosols

Maritime transport IMDG:

IMDG Class: 2
Page: 2102
UN Number: 1950
Packaging group: II
EMS Number: 2-13
MFAG: 620
Marine pollutant: Yes
Proper shipping name: Aerosol Product (in limited quantities)

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: 2.1
UN/ID Number: 1950
Packaging group: -
Proper shipping name: Aerosols, Flammable

15 Regulations

Sara**Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

Section 313 (Specific toxic chemical listings):

872-50-4 N-methyl-2-pyrrolidone
 67-56-1 methanol

TSCA (Toxic Substances Control Act):

5989-27-5 (R)-p-mentha-1,8-diene
 74-98-6 propane
 67-64-1 acetone
 106-97-8 butane
 1119-40-0 dimethyl glutarate
 872-50-4 N-methyl-2-pyrrolidone
 67-56-1 methanol

Proposition 65**Chemicals known to cause cancer:**

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity:

None of the ingredients is listed.

Product related hazard informations:

The product has been classified and marked in accordance with directives on hazardous materials.

Hazard symbols:

Irritant
 Extremely flammable
 Dangerous for the environment

Hazard-determining components of labelling:

(R)-p-mentha-1,8-diene

Risk phrases:

Extremely flammable.
 Irritating to eyes and skin.
 May cause sensitization by skin contact.

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Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases:

Keep out of the reach of children.

Avoid contact with skin and eyes.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point

Wear suitable gloves.

If swallowed, seek medical advice immediately and show this container or label.

Use only in well-ventilated areas.

Special labeling of certain preparations:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Contains 85.2 mass percent inflammable materials.

Keep out of the reach of children.

National regulations:**Technical instructions (air):**

Class	Share in %
III	85.2

Water hazard class: *Water hazard class 1 (Self-assessment): slightly hazardous for water.*

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact: *Craig Swafford*

USA