



Safety Data Sheet | Sensitive Surfaces Graffiti Remover

January 7, 2022

Section 1: Identification of the Substance/Preparation and the Company/Undertaking

1.1 Product Identification

Product Number and Name: Sensitive Surfaces Graffiti Remover

1.2 Relevant Identified & Intended Uses of the Product

Intended Use of Product: Cleaning of Surfaces – Concentrate diluted in water

1.3 Manufacturer of Supplier of the product

Impackt Packaging Solutions
Phone No. 909.613.1204
12325 Mills Ave. Unit No. 22
Chino, CA 91710

1.4 Emergency Telephone Numbers

Medical	Poison Control Center	USA	+ 1 (800) 222 1222
Transportation	CHEMTREC	USA	+ 1 (800) 424 9300

Section 2: Hazards Identification

2.1 Classification of the Product Hazard

Flammable Liquids	Category 3
Skin Irritation	Category 2
Eye Irritation	Category 2B
Skin sensitization	Category 1
Aspiration hazard	Category 1

Hazard pictograms :



Signal word : Danger

Hazard statements:

H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H315 + H320 Causes skin and eye irritation.
H317 May cause an allergic skin reaction



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Precautionary statements :

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P264 Wash skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/ eye protection/ face protection. Response:

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P331 Do NOT induce vomiting. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant Keep away from pets

Section 3: Composition/Information on Ingredients

Product Name	CAS No.	%
Citrus Terpenes Blend	5989-27-5	> 50.0
Ethanol	64-17-5	< 18.0
1-(1-methyl-2-propoxyethoxy)propan-2-ol	29911-27-1	< 20.0
Isopropylidene glycol	100-79-8	> 15.0

Section 4:

Description of First Aid Measures

General advice : Move out of dangerous area. Show this safety data sheet to the doctor in attendance
Symptoms of poisoning may appear several hours later. Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

In case of skin contact : If on skin, rinse well with water. If on clothes, remove clothes.



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In case of eye contact : Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear. Do not induce vomiting without medical advice. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

Section 5: Fire Fighting Measures

5.1 Physical Characteristics

Combustible Product

5.2 Extinguishing Media

Alcohol Resistant Foam, CO2, Dry Chemical

Unsuitable extinguishing media : High volume water jet

Specific hazards during firefighting : Do not allow run-off from firefighting to enter drains or water courses.

Hazardous combustion products : Carbon oxides Acrid smoke and fumes

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precautions : Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Section 7: Handling and Storage

Advice on protection against fire and explosion

Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from open flames, hot surfaces and sources of ignition.

Advice on safe handling

Avoid formation of aerosol.

Do not breathe vapors/dust. Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes.

For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.

Take precautionary measures against static discharges.

Provide sufficient air exchange and/or exhaust in work rooms.

Open drum carefully as content may be under pressure.

Dispose of rinse water in accordance with local and national regulations.

Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage

No smoking.

Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Observe label precautions.

Electrical installations / working materials must comply with the technological safety standards

Section 8: Exposure Controls and Personnel Protection

8.1 Exposure Guidelines

Components with workplace control parameters

None

8.2 Personnel Protection (while handling large bulk quantities)

Safety Glasses or Safety Goggles

Oil resistant Gloves

Face Protection



Respiratory protection



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No personal respiratory protective equipment normally required. In the case of vapor formation use a respirator with an approved filter.

Hand protection Remarks

The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection

Eye wash bottle with pure water Tightly fitting safety goggles

Skin and body protection

Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Section 9: Physical and Chemical Properties

9.1 Properties

Physical State:	Liquid
Appearance:	Clear Yellow liquid
Odor:	Citrus Odor
Flash Point:	Above 114 DF 46 DC
Boiling Point:	Above 300 DF
Density:	About 0.84 Grams per mL
Weight per Gallon:	About 7.00 Pounds
Solubility in Water:	Slightly emulsifiable in Water
Vapor Pressure:	Ca. 2 mm at 20 DC
% Volatiles:	Ca. 100
VOC:	100% in the Conc. form
Evaporation Rate:	Not Available
Vapor Density:	Not Available
pH:	Not Applicable

Section 10: Stability and Reactivity

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Vapors may form explosive mixture with air.



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Conditions to avoid : Keep away from heat, flame, sparks and other ignition sources.

Incompatible materials : Strong acids Strong oxidizing agents

Hazardous decomposition products : Carbon oxide

Section 11: Toxicological Information

The numerical toxicological information for the critical ingredients is provided.

The toxicological information for the combination is not available.

Acute oral toxicity

Acute toxicity:

Estimate 4,444 mg/kg - Citrus Terpene Blend – CAS No. 5989-27-5

LD50, Rat, > 2,000 mg/kg 1-(1-methyl-2-propoxyethoxy)propan-2-ol, – CAS 29911-27-1

Acute oral toxicity:

LD50 (Rat): 4,400 mg/kg - Citrus Terpene Blend – CAS No. 5989-27-5

Acute inhalation toxicity:

No data available

Acute dermal toxicity:

LD50 (Rabbit): > 5,000 mg/kg Citrus Terpene Blend – CAS No. 5989-27-5

The substance or mixture has no acute dermal toxicity

LD50, Rabbit, > 2,000 mg/kg - 1-(1-methyl-2-propoxyethoxy)propan-2-ol, – CAS 29911-27-1

No deaths occurred at this concentration.

Skin corrosion/irritation:

Species: Rabbit Result: Irritating to skin.

Serious eye damage/eye irritation:

Species: Rabbit Result: No eye irritation

Respiratory or skin sensitization:

Test Type: lymph node assay

Species: Mouse Result: May cause sensitization by skin contact.

Genotoxicity in vitro : Test Type: Mammalian cell gene mutation assay Species: mouse lymphoma cells
Metabolic activation: with and without metabolic activation Result: negative

Genotoxicity in vivo : Test Type: DNA damage and/or repair Species: Rat Cell type: Kidney cells Application
Route: Oral Result: negative



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Germ cell mutagenicity - :

Tests on bacterial or mammalian cell cultures did not show mutagenic effects

Carcinogenicity –

Assessment : Not classifiable as a human carcinogen

Reproductive toxicity –

Assessment Fertility classification not possible from current data.

Teratogenicity –

Assessment : Embryotoxicity classification not possible from current data.

Aspiration toxicity

May be fatal if swallowed and enters airways.

Section 12: Ecological Information

The numerical Ecotoxicity information for the critical ingredients is provided.

The toxicological information for the combination is not available.

Citrus Terpene Blend – CAS No. 5989-27-5

Toxicity to fish : LC50 (*Pimephales promelas* (fathead minnow)): 0.702 mg/l Exposure time: 96 h Test Type: flow-through test -

1-(1-methyl-2-propoxyethoxy)propan-2-ol, – CAS 29911-27-1

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

Citrus Terpene Blend – CAS No. 5989-27-5

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 0.36 mg/l Exposure time: 48 h Test Type: static test

1-(1-methyl-2-propoxyethoxy)propan-2-ol, – CAS 29911-27-1

EC50, *Daphnia magna* (Water flea), static test, 48 Hour, > 100 mg/l, OECD Test Guideline 202 or Equivalent
Toxicity to algae : EC50 (*Desmodesmus subspicatus* (green algae)): 150 mg/l Exposure time: 72 h Test Type: static test

M-Factor (Acute aquatic toxicity) : 1

Toxicity to fish (Chronic toxicity) : NOEC: 0.19 mg/l Exposure time: 8 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (*Daphnia magna* (Water flea)): 0.08 mg/l Exposure time: 21 d

Citrus Terpene Blend – CAS No. 5989-27-5



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Acute aquatic toxicity- Assessment : Very toxic to aquatic life.

Citrus Terpene Blend – CAS No. 5989-27-5

Chronic aquatic toxicity- Assessment : Very toxic to aquatic life with long lasting effects.

Persistence and degradability No data available

Bio-accumulative potential

Bioaccumulation : Bioconcentration factor (BCF): 908.5

Partition coefficient: n-octanol/water : log Pow: 4.57 log Pow: 4.38 (37 °C) pH: 7.2

Mobility in soil

No data available

Section 13: Disposal Considerations

Disposal methods

Contaminated packaging

Empty remaining contents.

Dispose of as unused product.

Do not re-use empty containers.

Do not burn, or use a cutting torch on, the empty drum.

Dispose of in accordance with local regulations.

Section 14: Transportation Information

DOT (Department of Transportation):

UN1993, Flammable Liquid, N.O.S. (Citrus Terpene, Ethanol), Hazard Class 3, Packaging Group III

IATA (International Air Transport Association):

UN1993, Flammable Liquid, N.O.S. (Citrus Terpene, Ethanol), Hazard Class 3, Packaging Group III

IMDG (International Maritime Dangerous Goods):

UN1993, Flammable Liquid, N.O.S. (Citrus Terpene, Ethanol), Hazard Class 3, Packaging Group III

Section 15: Regulatory Information

WHMIS Classification : B3: Combustible Liquid D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity This material does not contain any components with a CERCLA RQ.



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SARA 304 Extremely Hazardous Substances Reportable Quantity This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Fire Hazard Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

California Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA: On TSCA Inventory DSL : All components of this product are on the Canadian

DSL AICS: On the inventory, or in compliance with the inventory

NZIoC: On the inventory, or in compliance with the inventory

ENCS: On the inventory, or in compliance with the inventory

KECI: On the inventory, or in compliance with the inventory

PHIL: On the inventory, or in compliance with the inventory

IECSC: On the inventory, or in compliance with the inventory

Section 16: Other Information

Disclaimer: While Shiffler Equipment believes that the data set forth in this sheet is accurate and represents the best information currently available to Shiffler Equipment. Shiffler Equipment makes no warranty, expressed or implied, with respect thereto and expressly disclaims all liability for reliance thereon.

If and when more information is available Shiffler Equipment will provide an updated Safety Data Sheet.

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