

Section 1. Product and company identification

Product name : **GRAFFO** Code : **INS-18603**

Product description : Graffiti liquid remover (solvent based)

Supplier/Manufacturer : *Supplier:*
INO SOLUTION®
9280, boul. du Golf
Anjou (Quebec) Canada H1J 3A1
Tél.: (514) 789-6363 Téléc.: (514) 352-4815
www.dissan.com

Manufacturer:
Groupe Savon Olympic Inc.
2700, boul. Daniel-Johnson
Laval (Quebec), Canada H7P 5Z7
Tél.: (450) 682-0060
Courriel: info@savon-olympic.net

In case of emergency : Quebec Poison Control Centre (24 hours service)
Quebec: (800) 463-5060 (no charge)
All other places: (418) 656-8090

Section 2. Hazards identification

Physical State : Liquid (transparent liquid)

Signal word : DANGER!
CAUSES EYE AND SKIN BURNS.
HARMFUL IF SWALLOWED.
CAUSES IRRITATION TO RESPIRATORY TRACTS.

Section 3. Composition and information on ingredients

Name	CAS number	% by weight
Butoxy-2 ethanol	111-76-2	75 - 85
D-Limonene	5989-27-5	10 - 20
Polyoxyethylene ether nonyl phenol	9016-45-9	5 - 10

Section 4. First aid measures

Eye contact : Rinse immediately with lukewarm water. Remove contact lenses (contact lenses) and continue flushing for at least 15 minutes, occasionally lifting the upper and lower eyelids. Consult a doctor immediately.

Skin contact : Immediately flush contaminated skin with plenty of water while removing contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Consult a doctor immediately. Wash clothing and shoes before reuse.

Inhalation : Move exposed person to fresh air. In the absence of breathing, trained personnel should administer artificial respiration or oxygen. Consult a physician immediately.

Ingestion : If the person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a doctor immediately.

Section 5. Fire-fighting measures

Flammability of the product : No known risk of fire or explosion.

Flash point : Not applicable.

Extinguishing media : Use dry chemical, CO2, water spray (fog) or foam.

Special exposure hazards : In the presence of fire, promptly isolate the scene by removing all persons present near the scene of the accident. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if without risk. Cool containers exposed to flames with water spray jet.

Special protective equipment for fire-fighters : If it is imperative that firefighters wear protective equipment and a suitable respirator equipped with a mask full-face positive pressure.

Section 6. Accidental release measures

Personal precautions	: Take no action involving any personal risk or without suitable training. Evacuate the area. Do not touch or walk through spilled material. Extinguish all ignition sources. The danger zone must be free of smoking or flames. Ensure adequate ventilation. Put on appropriate personal protective equipment.
Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods for cleaning up	: Stop leak if there is no risk. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate container for disposal. Use spark and explosions proof tools and equipment.

Section 7. Handling and storage

Handling	: Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or aerosols. Keep out of the reach of children. Use only in a well ventilated area. Keep away from sparks, heat, open flame or any other ignition source. Handle with care. Avoid splashing.
Storage	: Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well-ventilated area away from incompatible substances. Eliminate all sources of ignition. Separate from oxidizing materials. Keep container tightly closed when not in use. Do not store in unlabeled containers.

Section 8. Exposure controls/personal protection

Technical measures	: Use only in a well ventilated area. If user operations cause vapor, aerosol or mist, use process enclosures, local exhaust ventilation at the source, or other engineering controls to keep worker exposure to the contaminants suspended in the air below the recommended or statutory limits.
Eyes	: Splash goggles.
Hands	: Wear protective and chemical resistant gloves.
Respiratory tracts	: Wear appropriate respirator when ventilation is inadequate.
Other	: Apron and rubber boots and chemical resistant.

The information contained in this document applies to the concentrated product as sold. At dilution rate recommended, the risks inherent in this product are greatly reduced. Preventive measures can be adapted according to the judgment of the employer based on experience and / or level of exposure of workers.

Consult local authorities for values of exposure considered acceptable.

Section 9. Physical and chemical properties

Physical state	: Clear liquid.
Color	: Yellow.
Odor	: Solvent.
pH	: 7 - 8
Boiling / condensation point	: Not available.
Melting / freezing point	: Not available.
Relative density	: 1.0 - 1.1
Solubility	: Easily soluble in cold and hot water.

Section 10. Stability et réactivité

Chemical stability	: The product is stable.
Conditions to avoid	: No specific data.
Materials to avoid	: Reactive or incompatible with the following materials: oxidizing substances, bases, metals (aluminum, magnesium), oxidizing.
Hazardous decomposition products	: Carbon oxides. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.

Section 11. Toxicological information

Potential acute health effects

- Eyes: : Severe irritation, redness and pain.
 Skin : Irritation, redness and localized swelling possible. Prolonged contact may cause dermatitis.
 Inhalation: : May cause irritation to the respiratory tract. The inhalation of droplets suspended in air or aerosols may cause irritation of the respiratory tract.
 Ingestion: : May cause burns to mouth, throat and stomach.

Potential chronic health effects

- Carcinogenic effects : No known significant effects or critical hazards.
 Mutagenic effects : No known significant effects or critical hazards.
 Teratogenic effects : No known significant effects or critical hazards.
 Reproductive effects : No known significant effects or critical hazards.
 Sensitization : No known significant effects or critical hazards.

Toxicity data

Ingredient name

Ingredient name	Test	Species	Result
Butoxy-2 ethanol	DL50 Oral	Rat (male)	560 mg/kg
	DL50 Oral	Rat (male)	1480 mg/kg
	DL50 Oral	Rat (male)	3000 mg/kg
	DL50 Oral	Mouse (male)	1230 mg/kg
	DL50 Oral	Guinea pig	1200 mg/kg
	DL50 Cutaneous	Rabbit	400 mg/kg
	DL50 Cutaneous	Guinea pig	207 mg/kg
	CL50	Rat (female)	450 ppm for 4 hours
	CL50	Rat (male)	486 ppm for 4 hours
D-Limonene	DL50 Oral	Rat	4,4 g/kg
	DL50 Oral	Rat	5.1 g/kg
	DL50 Oral	Mouse	5.6 g/kg
	DL50 Oral	Mouse	6.6 g/kg
	DL50 Cutaneous	Rabbit	>5 g/kg
Polyoxyethylene ether nonyl phenol	DL50 Oral	Rat	4 g/kg
	DL50 Cutaneous	Rabbit	5.01 /kg

Section 12. Ecological information


- Ecotoxicity : No known significant effects or critical hazards.
 Biodegradability : Not available.
 Aquatic ecotoxicity : Not available.

Section 13. Disposal considerations

- Waste disposal : It is important to minimize or avoid the generation of waste wherever possible. Disposal of this product and solutions must always respect the provisions of the law on environmental protection and waste disposal and must remain in compliance with the requirements of local laws and regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Diluted product used as recommended may be sent to the sewer.
 Consult local or regional authorities.**

Section 14. Transport information

Regulatory information	UN number	Propper shipping name	Classes	PG*	Label	Additional information
TDG Classification	UN1993	FLAMMABLE LIQUID N.S.A.	3	III		Remarks: Limited Quantity when 5L or less.

*PG: Packing Group

Section 15. Regulatory information

WHMIS (Canada) : **Class B3: Combustible Liquid**
Class D1A: Very toxic material
Class D2A: Very toxic material
Class D2B: Toxic material

The product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Section 16. Other information

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