

**SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Product Name:** Nanoman Graffiti Cleaner VOC Free  
**Synonyms:** Nanoman Graffiti Remover VOC Free  
 Nanoman Graffiti Cleaner / Remover VOC Free

**Company Name:** Nanotech Products Pty Ltd (ABN 47 153 300 933)  
**Address:** Unit 3, 40 Ricketts Rd, Mount Waverley 3149

**Telephone:** 1300 696 266  
 Business Hours 9:00am to 5:00pm, Monday to Friday

**Other Names** Not Applicable

**Recommended Use:** For cleaning / removing graffiti from surfaces coated with Nanoman Anti Graffiti Coatings.

**SECTION 2: HAZARDS IDENTIFICATION**

**Hazard Statement** : H302 Harmful if swallowed  
 H312 Harmful in contact with skin  
 H315 Causes skin irritation  
 H319 Causes serious eye irritation  
 H332 Harmful if inhaled  
 H335 May cause respiratory irritation



**Precautionary Statement (Prevention)** P261 Avoid breathing dust/fume/gas/mist/ vapours/spray  
 P264 Wash .....thoroughly after handling  
 P270 Do not eat, drink or smoke when using this product.  
 P271 Use only outdoors or in a well-ventilated area  
 P280 Wear protective gloves/protective clothing/eye protection/face protection

**Preautionary Statement (Response)** P301 + P312 IF SWALLOWED: call a POISON CENTER or doctor/physician If you feel unwell  
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water  
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P312 Call a POISON CENTER or doctor/physician if victim feels unwell  
 P332 + P313 If skin irritation occurs: Get medical advice/attention.  
 P330 Rinse mouth  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 P362 Take off contaminated clothing and wash before reuse.  
 P363 Wash contaminated clothing before reuse

**Precautionary Statement (Storage)** P403+P233+P235 Store in a well-ventilated place. Keep cool. Keep container tightly closed.

Precautionary  
 Statement  
 (Disposal)

P501 Dispose of contents/container to an approved waste disposal plant.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical Characterisation Ingredients**

Ingredient	CAS Number	EC Number	Content
2-Butoxy-ethanol	111-76-2		1 to 5%
2-Butanol	78-92-2		<2.5%
Sodium C12-18 Alkyl Sulfate	68955-19-1		1 to 2.5%
Proprietary Ingredients #			Remainder

# deemed non hazardous

**SECTION 4: FIRST AID MEASURES**

- General Advice:** Remove contaminated or saturated clothing
- Inhalation:** Remove victim from exposure. Take affected persons out into the fresh air. In case of persistent discomfort seek medical attention
- Ingestion:** Have the mouth rinsed with water. Have the patient drink plenty of water in small sips. Do not induce vomiting. Obtain medical attention.
- Skin Contact:** Wash off immediately with plenty of water. If swelling, redness, blistering or irritation occurs seek medical advice.
- Eye contact:** Keeping eyelid open, immediately rinse thoroughly for at least 5 minutes using plenty of water or, eye rinsing solution. Seek medical attention.
- Notes to physician:** If required, therapy of irritative effect. After absorbing large amounts of substance: administration of activated charcoal. Do not induce vomiting.

**SECTION 5: FIRE-FIGHTING MEASURES**

- Specific Measures:** Small fire: use water foam, dry chemical, CO2 or water spray.  
 Large Fire: use foam, fog or water spray. The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific Hazards:** None known
- Hazchem Code:** Not Applicable
- Precautions for Firefighters:** No special protective equipment required

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

- Personal precautions:** Protective clothing should be worn to prevent excessive skin contact.
- Environmental Precautions:** Prevent liquid entering sewers. Do not allow to enter surface waters, storm drains, etc.
- Small spills:** Take immediate steps to stop and contain the spill. Absorb small spills onto paper towels and evaporate in a safe place Flush the contaminated area with plenty of water.

**Large spills:** Stop leak if you can do it without risk. Large quantities should be absorbed on to sand, earth, silica gel, sawdust and removed to a safe area for disposal. Flush the contaminated area with plenty of water.

**SECTION 7: HANDLING AND STORAGE**

**Handling and Storage:** Avoid contact with skin or in eyes. Handle in accordance with good industrial and hygiene practices.

**Conditions for safe Storage:** Keep container tightly closed in a cool, dry and well-ventilated place away from direct sunlight . Containers which are opened must be carefully resealed and kept upright to prevent leakage. Check regularly for leakage.

**Storage class:** Not classified

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

National Exposure Standard:	Name	CAS No	STEL		TWA	
			mg/m3	ppm	mg/m3	ppm
	2-Butoxyethanol	111-76-2	242	50	96.9	20
	Butanol	78-92-2			303	100
	Sodium C12-18 Alkyl Sulfate	68955-19-1		none noted		

**Other Exposure Information** The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week

**Appropriate Engineering Controls** In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.

**Respiratory Protection:** **No special precautions required but** where ventilation is restricted, respiratory protection may be required. Avoid breathing vapours or mists. Select and use respirators in accordance with AS 1716 – Respiratory Protective Devices and be selected in accordance with AS 1715 – Selection, Use and Maintenance of Respiratory Protective Devices.

**Eye Protection:** No special precautions required but the use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate is recommended. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.

**Skin Protection:** No special precautions required but Hand protection is recommended should comply with AS 2161, Occupational protective gloves – Selection Use and Maintenance. Recommendation: PVC, neoprene or nitrile rubber gloves.

**Other Protective Clothing** Impermeable clothing. Final choice of personal protective equipment will depend on individual circumstances and/or according to risk assessments undertaken.

**Equipment: Hygienic Measures:** Always wash hand before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Footwear:** Safety boots in industrial situations is advisory. Foot protection should comply with AS 2210, occupational protective footwear- Guide to selection, care and use.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Form:</b>	Liquid
<b>Appearance:</b>	transparent, greenish
<b>Odor:</b>	mild
<b>Melting Point:</b>	N/A
<b>Boiling Point:</b>	88°C
<b>Solubility in Water:</b>	fully miscible
<b>Flash Point:</b>	not applicable
<b>Vapor Pressure:</b>	unknown
<b>Specific Gravity:</b>	0.96 g/cm <sup>3</sup> at 20 °C
<b>Relative Density:</b>	unknown (at 20° C)
<b>Ignition Temp.</b>	not applicable
<b>Evaporation Rate:</b>	unknown
<b>pH (500 g/l H<sub>2</sub>O):</b>	n.a
<b>Dynamic viscosity:</b>	unknown
<b>Kinematic viscosity</b>	9.2 mm <sup>2</sup> /s (at 20° C)
<b>Volatile Organic Compounds (VOC):</b>	free

**SECTION 10: STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable under normal use conditions
<b>Conditions to Avoid</b>	No further relevant information available
<b>Incompatibility (Material To Avoid):</b>	No further relevant information available
<b>Hazardous Decomposition</b>	does not decompose with normal use

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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**Toxicological Effects: Acute toxicity**

LD50 Oral (Rat) 880 mg/kg (2-Butoxyethanol)  
LD50 Dermal (Rabbit) 1,060 mg/kg (2-Butoxyethanol)  
LC50 Inhalation (Rat) Not available

LD50 Oral (Rat) 2,193 mg/kg (Butanol)  
LD50 Dermal (Rabbit) 2,000 mg/kg (Butanol)  
LC50 Inhalation (Rat) Not available

LD50 Oral (Rat) 2,000 mg/kg (Sodium C12-18)  
LD50 Dermal (Rabbit) 10.000 mg/kg (Sodium C12-18)  
LC50 Inhalation (Rat) Not available

**Other Information:** Chronic effects on Humans – nota available  
Toxic effects on Humans – not available

**General:** From our experience and the information provided to us this product does present any adverse health effects if the product is handled in accordance with this Safety Data Sheet and product label.

**Ingestion:** May cause nausea, vomiting, headache, dizziness and gastric irritation

**Eye Contact:** May cause irritation and watering.

**Skin Contact:** Contact with the skin may result in irritation

**Inhalation:** Where the material is used in a poorly ventilated area, at elevated temperature or in confined spaces, vapour may cause irritation to the mucous membranes of the respiratory tract.

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**SECTION 12: ECOLOGICAL INFORMATION**

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**Ecological Information:** No ecological problems are expected to occur when the product is handled and used with due care and attention

**Ecotoxicity:** Avoid contaminating waterways

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**Disposal Considerations** Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local authority, state and federal government regulations.

**SECTION 14: TRANSPORT INFORMATION**

	<b>Land Transport</b>	<b>Sea Transport (IMDG / IMO)</b>	<b>Air Transport (IATA / ICAO)</b>
UN Number	Not applicable	Not applicable	Not applicable
Proper Shipping Name	Not applicable	Not applicable	Not applicable
DG Class	Non-hazardous	Non-hazardous	Non-hazardous
Identification Number of Hazard	Non-hazardous	Non-hazardous	Non-hazardous
Hazchem Code	Not applicable	Not applicable	Not applicable
Packaging Group	Non-hazardous	Non-hazardous	Non-hazardous
Marine pollutant	no	no	no

**SECTION 15: REGULATORY INFORMATION**

**Classification:** Not classified as hazardous

**Poisons Schedule:** Not scheduled

**SECTION 16: OTHER INFORMATION**

**DISCLAIMER:** The information contained in this Safety Data Sheet (SDS) is believed to be correct and was obtained from sources we believe are reliable. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy to the information contained herein. Nanotech Products makes no representations, guarantees or warranties of any kind as to the accuracy, suitability for particular applications, hazards connected with the use of the material, or the results to be obtained from the use thereof. User assumes all risks and liability of any use, processing or handling of any material, variations in methods, conditions and equipment used to store, handle or process the material and hazards connected with the use of the material are solely the responsibility of the user and remain at their sole discretion. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user, and the user has the responsibility to provide a safe work place, to examine all aspects of its operation and to determine if or where precautions, in addition to those described herein, are required.