

Conforms to Regulation (EC) No. 1907/2006 (REACH)

Safety Data Sheet

Section 1. Chemical Product and Company Identification

PRODUCT NAME: Nano Coating
SYNONYMS:
PRODUCT CODES:

MANUFACTURER: Clean Screens Pty Ltd
DIVISION: Industrial coatings
ADDRESS: 66 Gordon Rd East, Osborne Park 6017, WA, Australia

EMERGENCY PHONE: AUS 13 11 26, NZ 0800 764 766
CHEMTREC PHONE: 1 (800) 424-9300

CHEMICAL NAME:
CHEMICAL FAMILY: Composition from modified hybrid materials in denatured ethanol solution
CHEMICAL FORMULA:

PRODUCT USE: non-woven fabric swab impregnated with Ethyl alcohol solution.
 Individual swabs are sealed into aluminium foil sachet.
PREPARED BY: Clean Screens Pty Ltd , Industrial Coatings

SECTION 1 NOTES:

Section 2. Hazard Identification

2.1 Classification of substance or mixture/ item.

Hazards Overview: Once opened, the Hazard Category is **FLAMMABLE (R10)**

Regulation (EC) No 1272/2008 (CLP)	
Hazard classes / Hazard categories	Hazard Statement
Flammable liquid and vapor,	H226

GHS Classification

Flammable liquids : Category 3
Eye irritation: Category 2A

2.2 Label elements

Hazard pictograms GHS

:

Signal word

Hazard statements



Warning
 Flammable liquid and vapour.

Hazard statements (GHS):

H226 -Flammable liquid and vapour
H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements (GHS) :

P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ eye protection

Environmental Hazards Not classified as dangerous for the environment. **See Toxicological Information (section 11)**

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Section 3. Composition, Information on Ingredients

Protection

Name	CAS	%	TWA	R-phrases
Ethanol Alcohol , denatured	64-17-5	35 -50%	1,920 mg/m3	65, 66,11
Non hazardous		to make to 100 %		

Section 4. First Aid Measures

Inhalation	:	Not an inhalation hazard at this concentration and if used as instructed. Move individual to fresh air. Seek medical attention if effects persist.
Skin Contact	:	Wash thoroughly with soap and water.
Eye Contact	:	Flush eyes with water while holding eyelids open. If redness, burning, blurred vision, or swelling persist, transport to the nearest medical facility for additional treatment.
Ingestion	:	In the unlikely event that a wipe is swallowed. Do NOT induce vomiting. Give water to dilute the small amount of alcohol present. Get medical attention

Section 5. Fire Fighting Measures

Extinguishing Media	:	Alcohol-resistant foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable Extinguishing		
Media	:	No information
Special hazards arising from substance or mixture	:	Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Ethanol burns with a smokeless blue flame that is not always visible in normal light.
Advice for fire-fighters	:	Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.
Additional Advice	:	

Chemical is classified as
a combustible solid for

the purposes of storage and handling in accordance with AS 1940. .

Section 6. Accidental Release Measures

Spill and Leak

Only applicable if sachets are opened:
Product is a wet wipe with no free liquid inside the sealed Aluminium foil sachet.
Liquid spills are not possible.
Small quantities wet spots can be cleaned up with paper towels and dry cloth..
Eliminate all ignition sources. Place any material in an appropriate container for disposal.

Do not breathe fumes, vapor during clean up.

Section 7. Handling and Storage

Handling

Use only with adequate ventilation. Keep away from heat, sparks and flame once open.

Chemical assessment indicates this is necessary. -resistant, impervious gloves complying with an approved standard should be worn if a risk

Keep sachets closed and sealed until ready for use.

Storage

Chemical is classified as a combustible solid for the purposes of storage and handling in accordance with AS 1940 Only use in well ventilated areas. Wash thoroughly after handling open sachet.

General Precautions

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Section 8. Exposure Controls, Personal Protection

8.1 Control Parameters

Occupational Exposure Limits

Material	Source	Type	ppm	mg/m3	OSHA PE
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For guidance on selection of personal protective equipment see Chapter 8 of this Safety Data Sheet. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

Ethanol denatured	EH40 W EL	TWA	1,000 ppm	1,920 mg/m3	1000 ppm
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8.2 Exposure Controls

Engineering Controls: Natural Ventilation. Keep open sachets away from ignition sources

Personal Protection:

Avoid prolonged skin and eye contact with the impregnated cloth. Avoid working in confined or enclosed spaces. Ensure good dilution ventilation is available. Where many wipes are to be used consecutively, it may be advisable to wear solvent resistant gloves (e.g. Butyl, Nitrile Rubber, Neoprene or for short exposures, PVC) and eye protection.

Section 9. Physical and Chemical Properties

Appearance	Solid	odour Odour threshold	Alcoholic 49 ppm
PHYSICAL STATE:	non-woven fabric swab impregnated with Ethyl alcohol solution. Individual swabs are sealed into aluminium foil sachet	pH AS SUPPLIED:	N/A
BOILING POINT F: C:	Not available Not available Not available [20°C]	MELTING POINT F: C:	N/A
VAPOR PRESSURE (mmHg):		VAPOR DENSITY (AIR = 1):	1.6
VOLATILE ORGANIC COMPOUNDS (VOC):	Not available	MOLECULAR WEIGHT: VISCOSITY:	
SPECIFIC GRAVITY (H ₂ O = 1):	0.78 0.78 g / ml Solution	Flashpoint data refer to the solution	F: 79 C: 26
EVAPORATION RATE: BASIS (=1):	1.7	SOLUBILITY IN WATER	yes

Section 10. Stability and Reactivity

The product is stable.

Stability and Reactivity No information **Conditions**

to avoid

Incompatibility with No information

Section 11. Toxicological Information

Basis for Assessment : Information given is based on product data, knowledge of the components and the toxicology of Ethanol Alcohol.

Acute Oral Toxicity : Low toxicity: LD50 >2000 mg/kg , Rat Not

Acute Dermal Toxicity : expected to be a hazard.

Acute Inhalation Toxicity : Low toxicity by inhalation.

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No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Sachets

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Symptoms that may arise (due to the presence of Ethyl Alcohol) if the product is mishandled are listed as follows:

Swallowed: Headache, dizziness, nausea. Swallowing a minor amount may cause throat irritation and vomiting.
Eye: Vapour irritates the eyes at concentrations above 1000ppm. Direct eye contact may cause eye irritation, pain and redness.
Skin: Brief exposure is not irritating but prolonged contact can be irritating.
Inhalation: Mild irritation to the nose, throat . and upper respiratory tract can occur at concentrations above 1000ppm.

Section 12. Ecological Information

No environmental issues expected due to the small quantity of flammable solvent contained in each swab.

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely.

The product itself and its products of degradation are not toxic. **Special Remarks on the Products of Biodegradation:**

Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Material Disposal	: The used non-woven dry cloth can be disposed in general waste. The aluminium foil can be disposed in recycling or general waste.
Container Disposal	: May be left open to evaporate in a controlled place prior disposal.

Section 14 Transport Information

UN3175 – SOLIDS CONTAINING FLAMMABLE LIQUID n.o.s., Class 4.1, PG II Not a hazardous material according to transport regulations as per:

14.1 Road transport:

Land transport DOT (ADR/RID)

Not regulated see special provision DOT 47

14.2 Sea transport:

Marine transport IMDG

Not regulated, see special provision 216

14.3 Air transport:

Not regulated see IATA special provision A 46

Section 15. Regulatory Information

U.S. Regulations

US INVENTORY (TSCA): Listed on inventory.

Other Regulations Australia inventory (AICS): All components are listed or exempted. Canada inventory: All components are listed or exempted.

Japan inventory: All components are listed or exempted.
China inventory (IECSC): All components are listed or exempted.
Korea inventory: All components are listed or exempted.
New Zealand Inventory (NZIoC): All components are listed or exempted.
Philippines inventory (PICCS): All components are listed or exempted.
United States inventory (TSCA 8b): All components are listed or exempted.
Taiwan inventory (CSNN): All components are listed or exempted.

Section 16. Other Information

Revision date : 29.January.2023

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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