



SAFETY DATA SHEET

NANO WINDOW CLEANER

Infosafe No.: CI034
ISSUED Date : 30/09/2020
ISSUED by: CUSTOM CHEMICALS
INTERNATIONAL PTY LTD

1. Identification

GHS Product Identifier

NANO WINDOW CLEANER

Product Code

0010327

Company name

CUSTOM CHEMICALS INTERNATIONAL PTY LTD (ABN 73 050 537 674)

Address

103-107 Potassium Street Narangba
QLD AUSTRALIA

Telephone/Fax Number

Tel: 07 3204 8300
Fax: 07 3204 8311

Emergency phone number

13 1126 in Australia (AH)

Recommended use of the chemical and restrictions on use

Water-based cleaner

2. Hazard Identification

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 2A

Flammable Liquids: Category 3

Signal Word (s)

WARNING

Hazard Statement (s)

Flammable liquid and vapour.

Causes serious eye irritation.

Precautionary statement –General

Keep out of reach of children.

Pictogram (s)

Exclamation mark, Flame



Precautionary statement –Prevention

Keep away from heat/sparks/open flames/hot surfaces. –No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/tools/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wash contaminated skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement –Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use foam, dry chemical or CO2 for extinction.

Precautionary statement –Storage

Store in a well-ventilated place. Keep cool.

Precautionary statement –Disposal

Dispose of contents/container to an approved waste facility..

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Ethanol	67-17-5	10-30 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safe Work Australia	-	-

4. First-aid measures

First Aid Measures

If poisoning occurs contact a doctor or Poisons Information Centre Phone Australia 131126, New Zealand 0800 764 766.

Inhalation

Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical advice if symptoms persist.

Ingestion

Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).

Skin

Wash skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation develops.

Eye contact

Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist).

First Aid Facilities

Use should be made of an on-site approved first aid kit if required in the first instance until medical assistance is forthcoming. Potable water should be available to rinse eyes or skin.

Advice to Doctor

Care must be used to prevent aspiration. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.

5. Fire-fighting measures

Suitable Extinguishing Media

Use extinguishing media appropriate to surrounding fire conditions. Use carbon dioxide (CO₂) fire extinguisher, water fog or fine water spray.

Hazards from Combustion Products

Water/alcohol based. In use, may form flammable/explosive vapour/air mixture. If involved in a fire will emit toxic fumes

Special Protective Equipment for fire fighters

Fire fighters to wear full body protective clothing with breathing apparatus. Deluge with water to cool containers. Evacuate area move upwind of fire.

Specific Methods

Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition. Evacuate area - move upwind of fire.

Specific Hazards Arising From The Chemical

May decompose on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

Other Information

Flash point ca 45°C

6. Accidental release measures

Spills & Disposal

Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses.

For large spills, or tank rupture, eliminate any ignition sources. Stop leak if safe to do so. If available, use water spray to disperse vapour. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water.

If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

Personal Protection

Refer section 8 of this SDS.

Environmental Precautions

Use appropriate containment to avoid environmental contamination.

7. Handling and storage

Precautions for Safe Handling

Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated place. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills.

Additional information on precautions for use

Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

8. Exposure controls/personal protection

Exposure Controls, Personal Protection

Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken.

Occupational exposure limit values

SWA exposure limits: No value assigned for this specific material by Safe Work Australia.

Appropriate engineering controls

Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating dusts of the product. Use only in a well-ventilated area. Ensure airflow, where this product is used, is directed away from the operators.

Respiratory Protection

Avoid generating mists of the product. If determined by a risk assessment an inhalation risk exists, wear a dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Eye Protection

Not normally required for deodorant applications using solutions of the product. The use of safety glasses with side shield protection, goggles or face shield is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hand Protection

Generally not required for deodorant operations.

Overalls, apron, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc

Personal Protective Equipment

Wear gloves. Overalls, apron, work boots and elbow length gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	Colour	Turquoise
Odour	Faint	Boiling Point	ca. 100°C
Specific Gravity	0.96 - 1.00	pH	7.2 - 8.6 neat
Volatile Component	Ca 90%	Flash Point	ca. 45°C
Flammability	Does not support combustion.	Melting/Freezing Point	ca. 0°C

10. Stability and reactivity

Chemical Stability

Stable under normal conditions of use.

Conditions to Avoid

Heat, direct sunlight, open flames or other sources of ignition.

Avoid exposure to extreme pressure.

Incompatible materials

Avoid reducing agents and oxidising agents.

Hazardous Decomposition Products

Product can decompose on combustion to form toxic fumes.

Other Information

Store in a cool, dry place. Use only as directed. Store in accordance with directions given in Section 7 (Handling and storage) of this SDS.

11. Toxicological Information

Toxicology Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects may arise if the product is mishandled and overexposure occurs.

Ingestion

Ingestion of this product may cause nausea, vomiting, abdominal pain and irritation to the mouth, throat and stomach. Alcohol content may affect behavior (central nervous system depression, depression) and metabolism. May also affect the respiratory system and cardiovascular system, liver and kidneys.

Inhalation

No vapour or mist generally associated with liquid form of the product –water based. Exposure and inhalation of generated mists of this product may produce mucous membrane and respiratory irritation.

Skin

Not expected to be irritating. Prolonged contact with concentrated solutions may cause irritation in certain individuals. Prolonged and repeated skin contact with solutions may induce eczematoid dermatitis in certain individuals.

Eye

A moderate eye irritant.
Eye contact may cause stinging, blurring, tearing.

Carcinogenicity

Not expected to be carcinogenic.

12. Ecological information

Ecotoxicity

Not expected to be harmful to aquatic species when used as directed.

13. Disposal considerations

Disposal considerations

Refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. Do not put down the drain.

14. Transport information

Transport Information

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail or NZS 5433:1999 Transport of Dangerous Goods on Land.

U.N. Number

None Allocated

UN proper shipping name

None Allocated

Transport hazard class(es)

None Allocated

15. Regulatory information

Poisons Schedule

Not Scheduled

Australia (AICS)

All ingredients listed

16. Other Information

Date of preparation or last revision of SDS

SDS reviewed: Sep 2020, Supersedes: Oct 2016 (formulation change)

Uses and Restrictions

NANO WINDOW CLEANER can be used in a hand held spray gun. Spray on and wipe off leaving no residue. Always use a clean cloth or paper towel with minimum lint to polish.

User Information

NANO WINDOW CLEANER is formulated with a newly developed 'green' approved nano-additive for hard surface cleaners. It forms a protective layer on glass and polymeric surfaces which repels lime scale and soils and reduces the tendency of surfaces to mist up.

- Rapid spot and streak free drying
- Makes cleaning easier
- Reduces problem misting
- Repels problem soils
- Modifies surfaces for easier cleaning
- GREEN that stays clean

Other Information

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

This SDS summarizes at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier

END OF SDS

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