

## **SECTION 1. IDENTIFICATION**

Product Name **PROCESS 946N-2 (250 X 32 g)**

### **Recommended use of the chemical and restrictions on use**

Recommended use Aircraft Toilet Deodoriser  
Restrictions on use Industrial and commercial use only

Australian Distributor Velocity Vehicle Care Pty Ltd  
10 Holmwood Rd, Tottenham, VIC, 3012  
Ph: 1300 990 074  
Fax: 03 8669 4179  
Email: [orders@velocityvehiclecare.com](mailto:orders@velocityvehiclecare.com)  
**Australia: 1800 127 406**

Emergency Number

NZ Distributor Velocity Vehicle Care NZ Ltd Level 4  
3 London St, Hamilton, 3204  
Phone: 0800 483 562 (0800 4 VELOC)  
Fax: 07 974 9540  
Email: [orders@velocityvehiclecare.com](mailto:orders@velocityvehiclecare.com)  
**New Zealand: 0800 243 622**

Emergency Number

## **SECTION 2. HAZARDS IDENTIFICATION**

### **Dangerous Goods Classification**

Classified as non-Dangerous goods for transport by road or rail. Exempt from classification as a Dangerous Good as per Australian Dangerous Goods Code 7<sup>th</sup> ed., SP no. AU01. See Section 14 for further details.  
Classified as Dangerous Goods under NZS 5433:2012 Transport of Dangerous Goods on Land.

### **GHS Classification**

**Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) 7th ed.**

Serious eye damage	Category 1
Skin corrosion/irritation	Category 2
Sensitisation	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (repeated exposure via inhalation)	Category 1
Aquatic Chronic	Category 3

### **GHS label elements**

#### **Hazard pictograms**



#### **Signal Word**

**DANGER**

Hazard statements

**H318 Causes serious eye damage.**

**H315 Causes skin irritation**

**H317 May cause an allergic skin reaction**

**H372 Causes damage to organs through prolonged or repeated exposure (inhalation)**

**H351 Suspected of causing cancer (route: ingestion)**

**H412 Harmful to aquatic life with long lasting effects.**

Precautionary statements

**Prevention**

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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

P280 Wear protective gloves, eye, and face protection.

**Response**

P305 + P351 + P338 + P310 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor.

P302 + P352 **IF ON SKIN:** Wash with plenty of water.

P332 + P313 If skin irritation occurs: Get medical attention.

P362 Take off contaminated clothing and wash it before reuse.

P314 Get medical attention if you feel unwell.

P308 + P313 **IF exposed or concerned:** get medical advice.

**Storage**

P405 Store locked up.

**Disposal**

P501 Dispose of contents & container in accordance with local, regional and national Regulations.

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

Substance / Mixture                      Mixture

**Hazardous components**

Chemical name	CAS-No.	Concentration [%]
Guanidine, N,N"-1,6-hexanediyldis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride	27083-27-8	1-5
Surfactant blend	-	10-15
Silica	112926-00-8	<30
Sodium sulfate	7757-82-6	<30
Fragrance blend	-	10-20
Dye	-	5-10

The exact percentages of disclosed substances are withheld as trade secrets.

**SECTION 4. FIRST AID MEASURES**

<b>General advice</b>	Move non-essential personnel away from treatment area, spill, or dangerous area. Do not leave victim unattended. Have this safety data sheet available for emergency/medical responders.
<b>If inhaled</b>	Move victim to fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a doctor.
<b>In case of skin contact</b>	Wash off immediately with plenty of water for at least 15 minutes. If on clothes, remove clothes. Wash clothing before reuse. Get medical attention if symptoms develop.
<b>In case of eye contact</b>	Small amounts splashed into eyes can cause irreversible tissue damage and blindness. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
<b>If swallowed</b>	Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms develop. Contact the Poison's Information Centre (Australia 131 126; New Zealand 0800 764 766).
<b>Protection of first aiders</b>	If potential for exposure exists refer to Section 8 for specific personal protective equipment.
<b>Notes to physician</b>	Treat symptomatically. Symptoms may be delayed.
<b>Most important symptoms and effects, both acute and delayed</b>	Effects are immediate and delayed. Symptoms may include stinging, burning, redness, and pain. Effects are dependent on exposure (dose, concentration, contact time). Causes serious eye damage. Review section 2 of SDS to see all potential hazards.

**SECTION 5. FIREFIGHTING MEASURES**

<b>Suitable extinguishing media</b>	Dry chemical , foam, carbon dioxide.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards during firefighting</b>	May produce toxic fumes, for example, carbon monoxide if burning. Do not allow run-off from firefighting to enter drains or water courses.
<b>Hazardous combustion products</b>	Carbon dioxide (CO <sub>2</sub> ) Carbon monoxide Smoke Nitrogen oxides (NO <sub>x</sub> )
<b>Special protective equipment for firefighters</b>	Wear self-contained breathing apparatus for firefighting if necessary.
<b>Specific extinguishing methods</b>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Use a water spray to cool fully closed containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

<b>Personal precautions, protective equipment and emergency procedures</b>	Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid contact with skin and eyes.. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8.
<b>Environmental precautions</b>	Do not allow contact with soil. Prevent runoff to waterways, drains, stormwater or sewer.
<b>Methods and materials for containment and cleaning up</b>	Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material e.g., sand, earth, diatomaceous earth, vermiculite, and place in container for disposal according to local / national regulations (see Section 13) . Flush away traces with water. For large spills (>5L), dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

**SECTION 7. HANDLING AND STORAGE**

<b>Advice on safe handling</b>	Avoid formation of aerosols and dust. Do not breathe mists, vapours or spray. Use with adequate ventilation. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations.
<b>Conditions for safe storage</b>	Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. Keep away from oxidizing agents and strongly acid or alkaline materials.

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

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Silica (inhalable)	112926-00-8	TWA	10 mg/m <sup>3</sup>	SWA NZ WES

Biological occupational exposure limits						
Component	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
None allocated						

**Engineering measures**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Personal protective equipment**

**Respiratory protection**

In the case of vapour formation use a respirator with an approved filter.

**Hand protection**

Wear rubber gloves or other chemical resistant gloves e.g. nitrile, neoprene, natural rubber or PVC

**Eye protection**

Safety glasses with side shields or chemical goggles.

**Skin protection**

Wear protective clothing and footwear.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practices. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable wash facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

	<b>Product</b>
Appearance	solid
Colour	blue
Odour	Strong fragrance
Odour threshold	no data
pH	4.5-5.5 (as aqueous solution)
Melting point/freezing point	no data
Boiling point	no data
Flash point	no data
Evaporation rate	no data
Upper explosion limit	no data

Version 2.0

**Safety Data Sheet**  
**Process 946N-2 (250 x 32 g)**

Revised 13 May 2022

Lower explosion limit	no data
Vapour pressure	no data
Relative vapour density	no data
Relative density	0.6-0.66
Water solubility	Soluble (>75%)
Solubility in other solvents	no data
Partition coefficient: n-octanol/water	no data
Auto-ignition temperature	no data
Thermal decomposition	no data
Viscosity, kinematic	no data

**SECTION 10. STABILITY AND REACTIVITY**

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	No data available.
Incompatible materials	Oxidising agents
Hazardous decomposition products	Combustion by-products may include the following materials: carbon oxides, sulfur dioxide, metal oxides

**SECTION 11. TOXICOLOGICAL INFORMATION**

**Potential Health Effects**

<b>Information on possible routes of exposure</b>	Possible workplace exposure routes are: Inhalation Eye contact Skin contact
<b>Acute symptoms related to exposure</b>	
Eye	Severely irritating to eye. Symptoms may include burning, redness, swelling, stinging, tearing and pain. Permanent tissue damage may occur if medical treatment is not obtained immediately.
Skin	May cause mild skin irritation after prolonged or persistent contact.
Inhalation	Inhalation of vapours or mists may produce respiratory irritation. Symptoms may include coughing/sneezing, itchy or sore throat, runny nose, shortness of breath.
Ingestion	Not known to be toxic when swallowed. However, if ingested, symptoms may include nausea and vomiting.
Acute oral toxicity	Estimate : > 3933 mg/kg Method: Calculation method
Acute inhalation toxicity	no data available
Acute dermal toxicity	no data available

Version 2.0

## Safety Data Sheet Process 946N-2 (250 x 32 g)

Revised 13 May 2022

Skin corrosion/irritation	Skin irritant
Serious eye damage/eye irritation	May cause irreversible eye damage
Respiratory or skin sensitisation	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	no data available
Reproductive toxicity	no data available
STOT - single exposure	no data available
STOT - repeated exposure	no data available
Aspiration toxicity	no data available
<b>Components (Ingredients)</b>	
Acute oral toxicity	Guanidine, N,N''-1,6-hexanediybis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride: LD50 (rat) = 500 - 1000 mg/kg
Acute inhalation toxicity	Guanidine, N,N''-1,6-hexanediybis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride: LC50 (rat) (4hr) >0.36 mg/L
Acute dermal toxicity	Guanidine, N,N''-1,6-hexanediybis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride: LD50 (rat) > 5000 mg/kg
Skin corrosion/irritation	no data available
Serious eye damage/eye irritation	Guanidine, N,N''-1,6-hexanediybis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride: Causes serious eye damage.
Respiratory or skin sensitisation	Guanidine, N,N''-1,6-hexanediybis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride1: Remarks: Strong sensitizer at concentration of >1.2% (Buehler method/animal testing)
Germ cell mutagenicity	no data
Carcinogenicity	Guanidine, N,N''-1,6-hexanediybis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride: Rat and mice studies showed induction of vascular tumours following long-term exposure to high doses of this substance. Although the evidence is weak (due to non-GLP and non-guideline-compliant experimental procedures and the tumours only seen at high doses), the potential carcinogenicity of this substance following exposure has been deemed sufficient to classify it as suspected of causing cancer by the Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS). The Cancer Review Committee of the United States Environmental Protection Agency (US EPA) classified this substance as 'Suggestive Evidence of Carcinogenicity, but <b>Not Sufficient</b> to Assess Human Carcinogenic Potential by oral and dermal routes' (APVMA, 2011).
Reproductive toxicity	no data
STOT - repeated exposure	Guanidine, N,N''-1,6-hexanediybis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride: Remarks: caused severe irritation of the respiratory tract from 0.25µg/L and delayed mortality, thymus atrophy and to severe inflammatory and metaplastic changes in the respiratory tract (animal studies)

**SECTION 12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	This product has not been tested.
<b>Toxicity to fish</b>	no data available
<b>Toxicity to daphnia and other aquatic invertebrates</b>	no data available
<b>Toxicity to algae</b>	no data available
<b>Components (Ingredients)</b>	
<b>Toxicity to fish</b>	Guanidine, N,N"-1,6-hexanediylbis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride Rainbow trout LC50 (96 hr) in a flow-through study = 26 µg/L (very toxic).
<b>Toxicity to daphnia</b>	Guanidine, N,N"-1,6-hexanediylbis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride LOEC (21 day) = 24 µg/L (very toxic)
<b>Toxicity to algae</b>	Guanidine, N,N"-1,6-hexanediylbis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride ErC50 (72 hr) = 15 µg/L (very toxic)
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available
<b>Mobility in soil</b>	No data available

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

Waste product and residues	Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.
Contaminated packaging	Empty remaining contents. Dispose of as unused product.



**SECTION 14. TRANSPORT INFORMATION**

**Road and Rail Transport**

Classified as non-**Dangerous Goods** by the criteria of the Australian Dangerous Goods Code (ADG Code 7<sup>th</sup> ed.) for Transport by Road and Rail. Australian exemption by road and rail only\*\*.

Classified as **Dangerous** according to NZS 5433:2012 Transport of Dangerous Goods on Land.

**Land transport  
(ADG)**

UN number	3077
Proper Shipping Name	Environmentally Hazardous Substance Solid, N.O.S.
Class	9
Packing group	III
Hazchem Code	2Z

**\*\* Australian Special Provision AU01 states that “Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in;  
(a)packagings that do not incorporate a receptacle exceeding 500 kg(L);or  
(b)IBCs.”**

**Marine Transport**

Classified as **Dangerous Goods** by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**Marine transport  
(IMDG/IMO)**

UN number	3077
Proper Shipping name	Environmentally Hazardous Substance Solid, N.O.S.
Class	9
Packing group	III
Marine pollutant	yes
IMDG EMS	F-A, S-F
Fire/Spill	

**Air Transport**

Classified as **Dangerous Goods** by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**Air transport  
(IATA)**

UN number	3077
Proper Shipping name	Environmentally Hazardous Substance Solid, N.O.S.
Class	9
Packing group	III

## **SECTION 15. REGULATORY INFORMATION**

AICS	All substances listed
Poisons Schedule	Not scheduled.
NZ Approval Code	Cleaning Products (Carcinogenic) Group Standard 2020 The HSNO Approval Number for this Group Standard is HSR002531.
United States TSCA Inventory	On TSCA Inventory
Canadian Domestic Substances List (DSL)	All components of this product are on the Canadian DSL.

## **SECTION 16. OTHER INFORMATION**

<b>AICS</b>	<b>Australian Inventory of Chemical Substances</b>
<b>APVMA</b>	<b>Australian Pesticides and Veterinary Medicines Authority</b>
<b>AU OEL</b>	<b>Australian Occupational Exposure Limit</b>
<b>ADG</b>	<b>Australian Dangerous Goods</b>
<b>NICNAS</b>	<b>National Industrial Chemicals Notification and Assessment Scheme (Australia)</b>
<b>SWA</b>	<b>Safe Work Australia</b>
<b>NZ</b>	<b>New Zealand</b>
<b>IARC</b>	<b>International Agency for Research on Cancer</b>
<b>WES</b>	<b>Workplace Exposure Standards</b>
<b>GHS</b>	<b>Globally Harmonised System of Classification and Labelling of Chemicals</b>
<b>HSNO</b>	<b>Hazardous Substances and New Organisms</b>
<b>EMS</b>	<b>Emergency Spill Procedures</b>
<b>STOT</b>	<b>Specific Target Organ Toxicity</b>
<b>TWA</b>	<b>Time Weighted Average</b>
<b>STEL</b>	<b>Short-Term Exposure Limit</b>
<b>CAS</b>	<b>Chemical Abstracts Service</b>
<b>DNEL</b>	<b>Derived No Effect Level</b>
<b>TSCA</b>	<b>Toxic Substances Control Act</b>
<b>DSL</b>	<b>Domestic Substances List</b>
<b>NDSL</b>	<b>Non-Domestic Substances List</b>

Version:	2.0
Revision Date:	13 May 2022
Print Date:	16 May 2022

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