

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
5 Horsburgh Drive, Altona North, VIC, 3025
Ph: 1300 990 074
Email: orders@velocityvehiclecare.com
Emergency Number **Australia: 1800 127 406**

NZ Distributor Velocity Vehicle Care NZ Ltd Level 4
3 London St, Hamilton, 3204
Phone: 0800 483 562 (0800 4 VELOC)
Email: orders@velocityvehiclecare.com
Emergency Number **New Zealand: 0800 243 622**

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 7th 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-hexanediylbis[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

General advice

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.

If inhaled

Move victim to fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a doctor.

In case of skin contact

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.

In case of eye contact

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.

If swallowed

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).

Protection of first aiders

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Notes to physician

Treat symptomatically. Symptoms may be delayed.

Most important symptoms and effects, both acute and delayed

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

Suitable extinguishing media	Dry chemical , foam, carbon dioxide.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards during firefighting	May produce toxic fumes, for example, carbon monoxide if burning. Do not allow run-off from firefighting to enter drains or water courses.
Hazardous combustion products	Carbon dioxide (CO ₂) Carbon monoxide Smoke Nitrogen oxides (NO _x)
Special protective equipment for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Specific extinguishing methods	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

Personal precautions, protective equipment and emergency procedures	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.
Environmental precautions	Do not allow contact with soil. Prevent runoff to waterways, drains, stormwater or sewer.
Methods and materials for containment and cleaning up	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

Advice on safe handling	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.
Conditions for safe storage	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.

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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 ³	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

	Product
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

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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

Information on possible routes of exposure	Possible workplace exposure routes are: Inhalation Eye contact Skin contact
Acute symptoms related to exposure	
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

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Skin corrosion/irritation
Serious eye damage/eye irritation

Skin irritant

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

Components
(Ingredients)

Acute oral toxicity

Guanidine, N,N'''-1,6-hexanediylbis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride:

LD50 (rat) = 500 - 1000 mg/kg

Acute inhalation toxicity

Guanidine, N,N'''-1,6-hexanediylbis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride:

LC50 (rat) (4hr) >0.36 mg/L

Acute dermal toxicity

Guanidine, N,N'''-1,6-hexanediylbis[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-hexanediylbis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride:

Causes serious eye damage.

Respiratory or skin sensitisation

Guanidine, N,N'''-1,6-hexanediylbis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride:

Remarks: Strong sensitizer at concentration of >1.2% (Buehler method/animal testing)

Germ cell mutagenicity

no data

Carcinogenicity

Guanidine, N,N'''-1,6-hexanediylbis[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 **Not Sufficient** to Assess Human Carcinogenic Potential by oral and dermal routes' (APVMA, 2011).

Reproductive toxicity

no data

STOT - repeated exposure

Guanidine, N,N'''-1,6-hexanediylbis[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

Ecotoxicity	This product has not been tested.
Toxicity to fish	no data available
Toxicity to daphnia and other aquatic invertebrates	no data available
Toxicity to algae	no data available
Components (Ingredients)	
Toxicity to fish	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).
Toxicity to daphnia	Guanidine, N,N,N'''-1,6-hexanediylbis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride LOEC (21 day) = 24 µg/L (very toxic)
Toxicity to algae	Guanidine, N,N,N'''-1,6-hexanediylbis[N'-cyano-, polymer with 1,6-hexanediamine, hydrochloride ErC50 (72 hr) = 15 µg/L (very toxic)
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Partition coefficient: n-octanol/water	No data available
Mobility in soil	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 7th 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

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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

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

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