

SAFETY DATA SHEET

Section 1 - Identification of Chemical Product and Company

Hammersley Products (Aust) Pty Ltd ACN 001 621 281

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Trade Name:	NONFLAM CONTACT CLEANER AEROSOL (NON-FLAMMABLE)
Product Code:	NA
Product Use:	Electrical & Electronic Cleaning Solvent
Revision Date:	November 2022
Expiry date:	November 2027

Section 2 - Hazards Identification

Statement of Hazardous Nature

This product is classified as a HAZARDOUS CHEMICAL in accordance with the GHS. It is classified as a DANGEROUS GOOD by the ADG code.

GHS Classification:

Aerosols – Category 3

Acute Toxicity (Inhalation) – Category 4

Signal Word: Warning



Hazard Statements:

H229 Pressurized container: may burst if heated

H332 Harmful if inhaled

Precautionary Statements:

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing mist/vapours/ spray.

P271 Use only outdoors or in a well-ventilated area.

Response

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTRE or doctor if you feel unwell

Storage Statements

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C

Disposal

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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Poisons Information Centre: 13 1126 from anywhere in Australia, (0800 764 766 in New Zealand)

SUSMP Classification: Not scheduled
ADG Classification: 2.2 Non Flammable – Non Toxic Gas
UN Number: UN1950 Aerosol Non-Flammable

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %
Trans 1,2-Dichloroethylene	156-60-5	< 60
1,1,1,2 Tetrafluoroethane	811-97-2	10 – 30%

Section 4 - First Aid Measures

Eye Contact	Hold eyelids apart and flush the eye continuously with running. If irritation occurs seek medical attention.
Skin Contact	Remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek medical advice.
Inhalation	Remove patient to fresh air if breathing is difficult, give oxygen. Seek medical attention.
If Swallowed	Do NOT induce vomiting. Rinse mouth with water and give water to drink. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically.
Additional Information	-

Section 5 - Fire Fighting Measures

Non-Flammable Liquid

Suitable Extinguishing Equipment if Involved in a Fire

Fine water spray or fog, foam, dry chemical powder, carbon dioxide. Do not discharge extinguishing waters into the aquatic environment.

Special Protective Equipment and Precautions for Fire Fighters

When fighting fires involving significant quantities of this product, wear a splash suit complete with self-contained breathing apparatus.

Specific hazards arising from the chemical:

Toxic and/or irritating fumes including carbon monoxide, chlorides and fluorides and carbon dioxide may be emitted when heated to decomposition. Aerosols cans may explode at temperatures above 50°C

Hazchem Code: 2YE

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Remove all ignition sources. Personal protective equipment should be worn when cleaning up spills. Restrict access to area until completion of cleanup.

Methods and Materials for containment and cleaning up

Contain spill with absorbent material, such as sand, vermiculite or other inert material. Dispose of spilled material according to local regulations. Do not flush away residues with water. Allow residues to evaporate or soak up with an appropriate adsorbent material and dispose of safely.

Environmental precautions

Prevent spill entering sewers or waterways.

Section 7 - Handling and Storage

Precautions for Safe Handling

Avoid skin and eye contact and avoid breathing in vapour, mists or aerosols. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Do not smoke or eat whilst handling this product. Remove ignition sources, avoid sparks

Conditions for Safe Storage

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Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Store away from incompatible materials listed in section 10 including oxidizing agents, acids, combustible materials and sources of ignition. Protect from direct sunlight.

Section 8 - Exposure Controls and Personal Protection

No exposure limits available for this material, however values available for constituents;

Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
Trans 1,2-Dichloroethylene	793	Not Set
1,1,1,2 Tetrafluoroethane	4240	Not Set

Gloves and safety glasses are recommended to avoid skin and eye contact. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: Use in a well-ventilated area. This product should only be used where there is ventilation that is adequate to keep exposure below the TWA levels.

Personal Protective Equipment

RESPIRATOR:	Wear an approved respirator where vapours are generated and engineering controls are inadequate.
EYES:	Safety glasses or splash goggles to prevent splashing in the eyes.
HANDS:	Wear chemical resistant gloves. Longer term protection: Nitrile rubber gloves Incidental contact/Splash protection: PVC or neoprene rubber gloves
CLOTHING:	Chemical resistant coveralls and safety footwear.

Section 9 - Physical and Chemical Properties:

Physical Description:	Colourless Aerosol Liquid	Water Solubility:	Not soluble
Odour:	Light etheric	pH:	No data
Boiling Point:	No data	Flash Pt.	Not flammable
Freezing/Melting Point:	No data	Volatility:	No data
Volatiles:	No data	Odour Threshold:	No data
Vapour Pressure:	No data.	Evaporation Rate:	No data
Vapour Density:	No data	Coeff Oil/water Distribution:	No data
Specific Gravity:	No data	Autoignition temp:	No data

Section 10 - Stability and Reactivity

Reactivity:	This product is unlikely to react or decompose
Chemical Stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to Avoid:	This product should be kept in a cool place, preferably below 30°C. Avoid exposure to heat, sources of ignition and open flames. Avoid contact with incompatible materials.
Incompatible Materials:	Strong oxidising agents, acids, alkalis, combustible materials and sources of ignition powdered metal powdered metal salts
Hazardous Decomposition Products:	Thermal decomposition yields toxic products that which can be corrosive in the presence of water.
Hazardous Reactions:	This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

No adverse health effects expected if this product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may occur if the product is mishandled or over exposure occurs are:

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Swallowed	Not considered a likely path – toxicity of this product is considered low. Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
Eye	May be mildly and transiently irritating to eyes and result in redness, stinging and excessive tearing. Vapours may be slightly irritating to the eye.
Skin	May cause mild transient irritation to the skin that may result in redness or itching. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.
Inhaled	Breathing in mists or aerosols may cause respiratory irritation. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful.
Chronic Effects	Prolonged or repeated exposure may cause damage to organs. Repeated exposure may affect the nervous system.
Acute Toxicity	No data available for this product.

Section 12 - Ecological Information

Avoid contaminating waterways.

Ecotoxicity

No data

Persistence/degradability

No data

Section 13 - Disposal Considerations

Disposal method

Refer to State/Territory Waste Management Authority. Dispose of material through a licensed waste contractor.

Special precautions

Residues may cause an explosion hazard. Do not puncture empty cans.

Section 14 - Transport Information

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) Sea Transport (IMDG/IMO, Air Transport (IATA/ICAO)

UN Number:	1950
UN Proper Shipping Name:	Aerosols
Class and subsidiary risk:	2.2 Non-Flammable Gas
Packing Group:	Not allocated
Special precautions for user:	Not applicable
Hazchem Code:	2YE

Section 15 - Regulatory Information

Poisons Schedule (SUSMP): Not scheduled
All ingredients are listed in the Australia Inventory of Chemical Substances (AICS).

Section 16 - Other Information

Date of Preparation: November 2022

This SDS contains only safety-related information. For other data see product literature. Please read all labels carefully before using product.

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS
OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

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