

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 PRECISION CLEANER BULK
Product Code: NA
Product Use: Electrical & Electronic Cleaning Solvent & Precision Parts Cleaner.
Revision Date: January 2024
Expiry date: November 2029

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 NON-DANGEROUS GOOD by the ADG code.

It is classified as a NON-DANGEROUS GOOD by the IMDG Code for maritime transport

GHS Classification:

Acute Toxicity (Inhalation) – Category 4

Eye irritation Category 2b

Specific Target Organ Toxicity (single exposure): Category 3

Signal Word: Warning



Hazard Statements:

H320 Causes eye irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

Precautionary Statements:

Prevention

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

P261 Avoid breathing mist/vapours/ spray.

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

Wash thoroughly after handling.

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

Store in a well-ventilated area.

Keep container tightly closed.

Store locked up

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Disposal

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

SUSMP Classification: None allocated

ADG Classification: Not classified

UN Number: Not applicable

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc, %
Trans 1,2-Dichloroethylene	156-60-5	> 60
Other non-hazardous ingredients	secret	to 100

Section 4 - First Aid Measures

Eye Contact	Flush the contaminated eyes with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation occurs. Take special care if exposed person is wearing contact lenses.
Skin Contact	Remove contaminated clothing and wash skin thoroughly with soap and water.
Inhalation	Remove patient to fresh air and minimise unnecessary movement until episode has passed. If breathing is difficult, oxygen may be given by qualified people. If symptoms develop seek medical attention.
If Swallowed	Do NOT induce vomiting. Rinse mouth with water and give water to drink. If you feel unwell, seek medical attention For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically.

Section 5 - Fire Fighting Measures

This product is classified is Non-Flammable

Suitable Extinguishing Equipment if Involved in a Fire

Use a firefighting agent suitable for the surrounding 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

Exposure to extreme heat can give rise to thermal decomposition.

Material displays no closed-cup flash point but may form flammable vapor/air mixture.

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.

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

Stop leak if safe to do so. 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.

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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

This is a low boiling point mixture (49°C) 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.

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

Gloves and safety glasses are recommended to avoid skin and eye contact.

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

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

RESPIRATOR:	Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard AS/NZS 1715 Otherwise, not normally necessary. 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:	You should avoid contact even with mild skin irritants therefore chemical resistant gloves are recommended. 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 Liquid	Water Solubility:	Not soluble
Odour:	Light etheric	pH:	No data
Boiling Point:	49°C at 100kPa	Flash Pt.	Not flammable
Freezing/Melting Point:	No data	Volatility:	No data
Volatiles:	100%	Odour Threshold:	No data
Vapour Pressure:	Approx 43 kPa at 20°C	Evaporation Rate:	No data
Vapour Density:	3.3 approx	Coeff Oil/water Distribution:	No data
Specific Gravity:	1.28	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.

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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:

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.

Classification of Hazardous Ingredients

Ingredient	Risk Phrases
1,2-dichloroethylene	Conc>=12.5%: Xn; R20
1,2-dichloroethylene:	LD ₅₀ Oral, Rat >5000mg/kg

Section 12 - Ecological Information

Avoid contaminating waterways.

Ecotoxicity

Harmful to aquatic organisms

Persistence/degradability

No data

Section 13 - Disposal Considerations

Disposal method

This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to separate the contamination in some way. Only if neither of these options is suitable. Refer to State/Territory Waste Management Authority. Dispose of material through a licensed waste contractor.

Section 14 - Transport Information

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations. Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) Sea Transport (IMDG/IMO, Air Transport (IATA/ICAO)

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: January 2024

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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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