Safety Data Sheet
117 - BDX Brake Dust Remover

Classified as: Hazardous according to the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: 117 – BDX Brake Dust Remover

Supplier: PureWax Ltd
14/88 Hobsonville Road
Hobsonville
Auckland 0618
New Zealand

Phone: 0800 PUREWX (787 399)

Website: Purewax.co.nz

Email: info@purewax.com.au

Recommended Use: Automotive Care.

In Case of Emergency Contact:

CHEMCALL: 0800 CHEMCALL (243 622)

Section 2: HAZARDS IDENTIFICATION

This product is not classified as a Dangerous Good for Transport.

This product is classified as hazardous according to criteria in the EPA Hazardous Substances (Hazard Classifications) Notice 2020.

HSNO APPROVAL NUMBER: **HSR002530**

HSNO CLASSIFICATIONS: 6.3A Skin irritant
6.5B Skin sensitiser
8.3A Corrosive to eyes

GHS Classification: Skin irritation – Category 2
Skin sensitisation – Category 1
Serious eye damage – Category 1

Hazard Statements: H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

GHS Pictograms:



Signal Word: **DANGER**

PREVENTION STATEMENTS:

P102 – Keep out of reach of children.
P103 – Read carefully and follow all instructions.
P261 – Avoid breathing mist/vapours/spray.
P264 – Wash hands, exposed skin, thoroughly after handling.
P272 – Contaminated work clothing should not be allowed out of the workplace.
P280 – Wear protective gloves, protective clothing, eye protection, face protection.

RESPONSE STATEMENTS:

P101 – If medical advice is needed, have product container or label at hand.
P302 + P352 – IF ON SKIN: Wash with plenty of water.
P362 + P364 – Take off contaminated clothing and wash it before reuse.
P321 – Specific treatment (See first aid instructions on this label)
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P305 + P333 + P310 – If in eyes, or if skin irritation or rash occurs: Immediately call a POISON CENTRE or doctor/physician.

STORAGE: None.

DISPOSAL:

P501 – In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Dispose of via an approved waste disposal contractor. Refer to Section 13 of the SDS.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Mixture: Brake dust remover.

Main Component	CAS Number	Concentration (%wt)
Sodium thioglycolate	367-51-1	7 - 13%
Alcohols, C9-11, ethoxylated	68439-46-3	7 - 13%

There are no other ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

Workplace Facilities Required: Eye wash and shower facilities should be provided in workplaces.

If Inhaled: Remove to fresh air. Seek medical attention if symptoms persist.

In Contact with Eye: Hold eyes open, flush continuously with water for at least 20 minutes. Seek immediate medical attention.

In Contact with Skin: Wash skin with plenty of water. Seek medical attention if skin irritation or rash develops and persists.

If Swallowed: DO NOT INDUCE VOMITING. Rinse mouth. Give small quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms develop and persist. If vomiting occurs, keep head below hips to prevent aspiration to lungs.

Advice to Doctor: Treat symptomatically. May cause corneal burns to eyes.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Product is not flammable or combustible.

Suitable Extinguishing Media: Use extinguisher suitable for surrounding environment and materials. Do not use water jet as this may spread the fire.

Precautions in Connection with Fire: Thermal decomposition may produce toxic fumes containing oxides of carbon and sulphur.

Advice for firefighters: Wear full firefighting gear and self-contained breathing apparatus. Remove containers from path of fire if safe to do so. Cool exposed containers with water spray from a safe location.

Section 6: ACCIDENTAL RELEASE MEASURES

An emergency response plan meeting the requirements of Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 is required when held in quantities greater than 1,000L.

Precautions: Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area. Avoid breathing mist/vapours/spray. Avoid contact with skin and eyes.

Suitable Protective Equipment: For large spills emergency responders must use personal protective equipment, including gloves, protective overalls, and safety glasses with side shields or safety goggles. If mist/vapours/spray is generated, wear respiratory protection.

Spill or Leak Procedures. Stop the leak if safe to do so. Absorb the spill with suitable absorbent material, e.g., sand, earth, vermiculite, and collect into a properly labelled waste container for disposal. Residual quantities may be washed away with water.

Waste Disposal Methods: Dispose of as per Section 13.

Emergency preparation: Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Avoid breathing mist/vapours/spray. Do not eat, drink, or smoke, when using this product. Remove contaminated clothing and wash hands and face before entering eating areas.

Storage: Store in closed containers in a dry, well-ventilated area. Keep away from heat and direct sunlight. Do not store near food, drink, or animal feed. Do not store in unlabelled containers.

Site Storage Requirements: Site Signage will be required when quantities exceed 1,000L. Store away from incompatibles, refer to Section 10.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ: No Workplace Exposure Standards have been established for this product.

Engineering Controls: Ensure work area is adequately ventilated. Mechanical ventilation may be required if use generates mist/vapours/spray.

Personal Protective Equipment: Observe good chemical hygiene practice. Avoid breathing mist/vapours/spray. Avoid contact with skin and eyes.

Hand protection: Wear protective gloves. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.

Skin and body protection: Wear protective clothing. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.

Eye protection: Use safety glasses with side shields or safety goggles. Refer to AS/NZS 1336 for suitable eye and face protection.

Respiratory protection: If use generates mist/vapours/spray and ventilation is inadequate, wear a respiratory protection. Refer to AS/NZS 1715 and AS/NZS 1716 for suitable respiratory protection.

Other information: PPE selected must be impervious to the substance. Do not eat, smoke, or drink where material is handled, processed, or stored. Wash hands carefully before eating, drinking, or smoking. Handle in accordance with safe industrial hygiene practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Description:	Liquid	**Colour:**	Colourless
Odour:	None	**Odour Threshold:**	Not available
pH:	5 – 7 (neat)	**Solubility (water, 20°C):**	Soluble
Freezing point:	Not available	**Boiling Point:**	Not available
Flammability:	Non-flammable	**Flash Point:**	Not applicable
UEL/LEL:	Not applicable	**Vapour Pressure (25°C):**	Not available
Decomposition Temp:	Not available	**Autoignition Temp:**	Not applicable
Relative Density:	1 – 1.1 (water = 1)	**Vapour Density:**	Not available
Partition Coefficient: n-octanol/water	Not available	**Kinematic Viscosity (40°C):**	> 2000 mm^2/s
Particle characteristics:	Not applicable		

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Reactivity: No dangerous reactions are expected to occur under normal storage and use conditions.

Conditions to Avoid: Extremely high or low temperatures. Direct sunlight.

Incompatibility: Strong oxidisers.

Hazardous Decomposition: Thermal decomposition may result in toxic gases being released including oxides of carbon and sulphur.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity: Not classified as acutely toxic.
LD50 oral > 2000 mg/kg.
LD50 dermal > 2000 mg/kg
LC_{50} inhalation (mist/spray) > 5.0 mg/L

Inhalation: Not expected to cause toxic effects or be a respiratory irritant.

Ingestion: Not expected to cause toxic effects. May cause gastrointestinal upset with nausea, vomiting, stomach pain, if ingested in large quantities.

Skin Corrosion/Irritation: Product is irritating to skin and may cause redness and itching. Not expected to be corrosive to skin.

Serious Eye Damage/Eye Irritation: Product is corrosive to eyes and may cause serious eye damage. Symptoms include redness, stinging, watering, blurred vision, and corneal burns.

Respiratory or Skin Sensitisation: Product is a skin sensitiser and may cause an allergic skin reaction. Not expected to be a respiratory sensitiser.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant No information available. Product is not expected to be mutagenic, carcinogenic or a reproductive toxicant.

Specific Target Organ Toxicity Single Exposure: No information available. Not expected to be a specific target organ toxicant by single exposure.

Specific Target Organ Toxicity Repeated Exposure: No information available. Not expected to be a specific target organ toxicant by repeated exposure.

Aspiration Hazard: No information available. Not expected to be an aspiration hazard.

Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Information Database.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Product is not classified as toxic or harmful to the aquatic or terrestrial environments.

Persistence/degradability: No information available.

Bioaccumulation: No information available.

Mobility in soil: No information available.

Other adverse effects: None identified.

Ingredients with Ecotoxic classifications: There are no ingredients with ecotoxic classifications.

Ecotoxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Information Database.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Recycle and reuse wherever possible. Dispose of waste product via an approved waste disposal contractor.

Disposal of Packaging: Dispose of packaging via an approved waste disposal contractor.

Section 14: TRANSPORT INFORMATION

This product is not classified as a Dangerous Good for transport in accordance with NZS5433:2020, IMDG or IATA.

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard Allocation: Cleaning Products (Subsidiary Hazard) Group Standard 2020

HSNO Approval Code: HSR002530

Classifications:
Skin irritation – Category 2
Skin sensitisation – Category 1
Serious eye damage – Category 1

NZ Inventory of Chemicals: All hazardous ingredients are listed in the NZ Inventory of Chemicals Database.

This substance triggers:

Compliance Certificate	N/A
Certified Handler	N/A
Emergency Response Plan	1,000L
Secondary Containment	1,000L
Signage	1,000L

This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is approved for use as a cleaning product. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 3 November 2026

Reason for Revision: Update to New Zealand regulatory requirements.

References:

EPA Chemical Classification and Information Database
Supplier SDS: 3D International, USA, 117 – BDX Brake Dust Remover, August 2026

Summary of Abbreviations: EPA – Environmental Protection Authority
GHS – Global Harmonisation System
CAS – Chemical Abstracts Service

END OF SAFETY DATA SHEET