

**Safety Data Sheet in accordance with Safe Work Australia COP
Preparation of Safety Data sheets for Hazardous Chemicals 2011 &
New Zealand HSNO COP 8-1 2006**

1. Identification of the substance/preparation and of the company/undertaking

Trade name: PD 4000 Degreaser

Identification of the company

Beacon Products P/L ABN: 93616146555

Suite 4A3 410 Elizabeth St

Surry Hills NSW 2010

Australia

Telephone no: +61 (2) 8204 4800

Information about the substance/preparation

Industry sector: Surfactant Manufacture, Industrial

Type of use: Component of detergents and cleaners
Emulsifiers

Regulatory Department

Tel: +61 (2) 9274 8327 (Australia)

E-mail: admin@beaconproducts.com.au

Emergency telephone numbers : 1800 127 406 (24 h, Australia)
000 (24 h, Australia)

2. Hazards identification**Hazard Classification**

Classified as hazardous according to the criteria of HSNO Minimum degrees of hazard regulations.

Classified as hazardous according to the criteria of ASCC.

Not classified as dangerous goods according to the Transport of Dangerous Goods on Land (NZS5433).

Not classified as dangerous goods according to the Australian Code for Transport of Dangerous Goods (ADG).

GHS Class	HSNO Class	SIGNAL WORD	Hazard Statement
Skin corr/irr't: Cat 2	6.3A	Warning	H315 Causes skin irritation.
Eye damage/ irr't: Cat 1	8.3A	Danger	H318 Causes serious eye Damage.
--	9.3C	--	H433 Harmful to terrestrial vertebrates

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Hazardous components which must be listed on the label

Nonoxynol-9 phosphate with Phosphoric acid



DANGER

Precautionary Statements:

P264	Wash all affected areas of the body thoroughly after use
P280	Wear protective clothing/protective gloves/eye protection/face protection
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	if skin irritation occurs: Get medical attention/advice.
P362	Take off contaminated clothing and wash before reuse.
P305+P351+ P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician
P310	Immediately call a POISON CENTRE or doctor/physician
P273	Avoid release to the environment.
P501	Dispose of the substance and any packaging responsibly.

Risk phrase(s):

R38	Irritating to the skin.
R41	Risk of serious damage to eye.

Safety phrases:

S24	Avoid contact with the skin
S25	Avoid contact with the eyes
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27	Take off immediately all contaminated clothing
S28	After contact with skin, wash immediately with plenty of water.
S29	Do not empty into drains
S37/39	Wear suitable gloves and eye/face protection.
S46	If swallowed seek medical advice immediately and show this container or label.
S56	Dispose of this material and its container at a hazardous or special waste collection point.

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S57 Use appropriate containment to avoid environmental contamination

S61 Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.

3. Composition/information on ingredients

Hazardous ingredients

Component	EC Number	CAS Number	Proportion
Glycol ether		111-76-2	<5%
Lauryl sulphate salt		9004-82-4	<5%
PolyPhosphate		7758-29-4	<5%
Metasilicate salt		6834-92-0	<5%
Salt of benzene sulphonic acid		68081-81-2	<5%
Other minor components			<5%
Other non-hazardous components			balance

4. First aid measures

If on skin

Wash skin immediately with soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before re-use.

If in eyes

In case of contact with eyes, rinse immediately with water for as long as possible. Remove contact lenses (If present) and continue flushing. Seek medical advice.

If inhaled

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

If swallowed

Call a POISON CENTER or doctor/ physician if you feel unwell. Do not induce vomiting. May cause chemical burns in mouth and throat.

Advice to doctor

Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media that must not be used for safety reasons

High volume water jet

Special protective precautions and equipment for fire fighters

Firefighters should use self-contained breathing apparatus and protective gloves in case of fire.

Further information

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Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

Environmental precautions

Do not discharge into the subsoil/soil. Do not allow to enter watercourses or drains.

Methods for cleaning up/taking up

Contain spill with inert material. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Additional information

Personnel involved in clean-up require adequate respiratory, skin and eye protection in case of large spillage.

7. Handling and storage

Advice on safe handling

The product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with government regulations.

Conditions for safe storage

Keep only in original container. Store in a corrosive resistant container with a resistant inner liner. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls / personal protection

National exposure standards

HSIS Australian Workplace Exposure Standards

NOHSC Workplace Exposure Standards

Substance	CAS #	TWA	STEL

NZ Workplace Exposure Standards

Substance	CAS #	TWA	STEL

Occupational exposure controls

Engineering Controls

Provide eyewash station and safety shower.

Hygiene measures

Avoid contact with skin and eyes.

Wash hands before breaks and after work.

Respiratory protection:

If working in a confined space where ventilation is limited or a visible mist is being generated use approved half face respirator with combination cartridge filters suitable for vapours

Hand protection:

Protective gloves (Nitrile rubber or butyl-rubber)

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Eye protection: Safety glasses or face shield
Body protection: Protective clothing

9. Physical and chemical properties

Form: Liquid
Colour: red
Odour: Slight
Boiling point: Not tested
Flash point : >100°C
Autoignition temperature: Not tested
Flammability limit, % vol: Not tested
Density: 1.0(20°C, g/ml)
Solubility: Totally miscible
PH: 7 - 9 (1% sol.)

10. Stability and reactivity

Stability: Stable under normal operating conditions
Thermal decomposition: No decomposition if used as prescribed.
Hazardous decomposition products: None when used and handled as intended.
Conditions to avoid: Avoid contact with metals and strong oxidising agents and bases.

11. Toxicological information

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Acute toxicity: No data available
Expect LD₅₀ oral 2000 - 5000 mg/kg (based on similar products)
May be harmful if swallowed.
Skin Contact: Corrosive to skin
Eye Contact: Corrosive to eye
Inhalation: Harmful if inhaled

12. Ecological information

Mobility: Water: miscible
Persistence/degradability: some components may not be biodegradable
Aquatic toxicity: No data available

Remarks

Do not release to the environment.

13. Disposal considerations

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Product

Dispose of as a hazardous waste via an approved waste facility.

In NZ see <http://www.legislation.co.nz/regulation/public/2001/0119/latest/DLM41657.html>
for requirements

Uncleaned packaging

Regulations concerning reuse or disposal of used packaging materials must be observed.

14. Transport information

Land: ADG

Not classified

Land: NZS5433

Not classified

Air: IATA

Not classified

Sea: IMDG

Not classified

15. Regulatory information

HSNO Approval Number: HSR002530 Cleaning Products (Subsidiary Hazard) Group
Standard 2006

Poison Schedule (SUSMP): none

Tracking: Not required

Approved Handler: Not required

National Chemical Inventories

AICS: Not all components listed on the Australian Inventory of Chemical Substances.

NZIoC: All components listed on the New Zealand Inventory of Chemicals.

16. Other information

Other information: This safety data sheet was prepared using data from the supplier version of safety data sheet.

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 should read this SDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

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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.
Since the actual use of this product is beyond our control, we make no warranty, expressed or implied, concerning the use of this product. It is the responsibility of users to ascertain that the product is suitable for intended applications.