



PPS INDUSTRIES LIMITED

Material Safety Data Sheet

1 Identification of substance:

- **Product name:** PPS LEAPREP 90
- **Stock number:** 176534, 176552
- **Manufacturer/Supplier:**
PPS Industries Limited
86 Hugo Johnston Drive,
Penrose,
Auckland, New Zealand
P.O.Box 12-823, Penrose, Auckland 1642
Phone: 64 9 579-1001
Facsimile: 64 9 579-9474
Emergency Phone: 0800 657 894 Monday to Friday 8am-4pm
Web Site: www.ppsindustries.co.nz
- **Emergency contact detail:**
For emergency only. During normal hours call PPS Industries office.

Organization	Location	Phone
National POSITION CENTER	New Zealand	0800 647-766
Chemcall 24/7 Emergency Response Service	New Zealand	0800 243-6225

2 Hazards identification

Classified as hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Classified as a Dangerous Goods according to NZS 5433.

Hazard description: Not regulated as transport hazardous: UN

HSNO Class:

Class 6 Toxicity

6.1E Substances that are acutely toxic - May be harmful.
6.3A Substances that is irritating to the skin.

Class 8 Corrosive:

8.3A Substances that is corrosive to ocular tissue.

Class 9 Ecotoxicity

9.1C (fish) Substances that are harmful in the aquatic environment.
9.1C (crustacean) Substances that are harmful in the aquatic environment.

EPA Group standard: HSR002503

GHS Classification:

Hazard Pictogram:





PPS INDUSTRIES LIMITED

Signal word: Warning

Hazard class:

Acute Toxicity oral Category 5

Skin corrosion/irritation category 2

serious eye damage/eye irritation Category 1

Hazardous to the Aquatic environment Acute hazard Category 3

Hazard statement(s):

H303 May be harmful if swallowed

H402 Harmful to aquatic life

H318 Causes serious eye damage

H315 Causes skin irritation

Precautionary Statement(s) Prevention:

P264 Wash the affected body parts thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face

Protection.

P273 Avoid release to the environment

Precautionary Statement(S) Response:

P312 Call a poison centre or doctor if you feel unwell.

P302+P352 If on skin: wash with plenty of water

P321 For specific treatment read the Label.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362 Take off contaminated clothing

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact Lenses if present and easy to do. Continue rinsing.



P310 Immediately call a POISON CENTER or doctor/physician.

Precautionary Statement(S)Storage: Nil

Precautionary Statement(S) Disposal:

P501 Dispose of contents/container to an appropriate treatment and disposal Facility in Accordance with applicable laws and regulations.

3 Composition/Data on components:

Chemical characterization:

Description:	(CAS#)	Concentration	Hazardous
Sodium Metasilicate	6834-92-0	<4%	Yes
Pentasodium tripolyphosphate	7758-29-4	<3%	No
Tetrapotassium pyrophosphate	7320-34-5	<3%	No
Glycol ether	107-98-2	<5%	No
Triethanolamine	102-71-6	<1%	Yes
Dobanic acid	68584-22-5	<1%	Yes
Butyle glycol	111-76-2	<2-4%	Yes
Disodium EDTA	6381-92-6	<1%	Yes
Polyethylene glycol	127087-87-0	<1%	Yes
Water	7732-18-5	balance	No

4 First aid measures

After inhalation

- If fumes or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

After skin contact

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Seek medical attention in event of irritation.

After eye contact

Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Do not let victim rub eyes. Get medical attention.

After swallowing

If victim is conscious and alert, give 2 -3 glasses water. DO NOT induce vomiting. First aid is not generally required. If in doubt, contact a Poisons Information Center or a doctor.

5 Fire fighting measures

Fire:

Not considered to a significant fire hazard.

Explosion:

Not considered to be an explosion hazard.

Fire Extinguishing Media:



PPS INDUSTRIES LIMITED

- Foam.
- Dry chemical powder.
- Carbon dioxide.

Special Information:

FIRE INCOMPATIBILITY: None known.

HAZCHEM: None

PERSONAL PROTECTION

Glasses:

Chemical goggles.

Gloves:

PVC chemical resistant type.

Respirator:

Type ANO-P Filter of sufficient capacity

6 Accidental release measures

MINOR SPILLS

- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.
- Wipe up.
- Place in a suitable labeled container for waste disposal.

MAJOR SPILLS

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water course.
- Stop leak if safe to do so.
- Contain spill with sand, earth or vermiculite.
- Collect recoverable product into labelled containers for recycling.
- Neutralise/decontaminate residue.
- Collect solid residues and seal in labelled drums for disposal.
- Wash area and prevent runoff into drains.
- After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using.
- If contamination of drains or waterways occurs, advise emergency services.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

7 Handling and storage

Handling

- Avoid all personal contact, including inhalation.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- When handlings, DO NOT eat, drink or smoke.
- Keep containers securely sealed when not in use.
- Avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Work clothes should be laundered separately. Launder contaminated clothing before re-use.



- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.

Storage

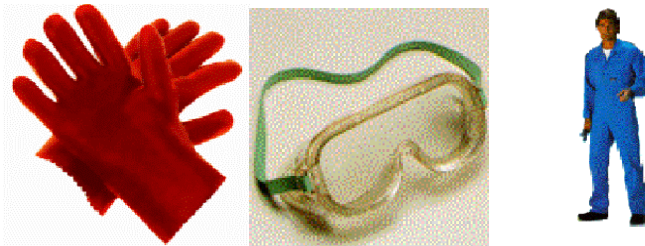
- Store container material: plastic pail, polypropylene liner drum.
- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.
- Protect containers against physical damage and check regularly for leaks.
- Observe manufacturer's storing and handling recommendations.

STORAGE INCOMPATIBILITY

None known.

8 Exposure controls and personal protection

PERSONAL PROTECTION



EYE

- Safety glasses with side shields.
- Chemical goggles.

HANDS/FEET

- Wear safety footwear or safety gumboots, eg. Rubber.
- Suitability and durability of glove type is dependent on usage.

Factors such as:

Frequency and duration of contact,
Chemical resistance of glove material,

OTHER

- Overalls.
- PVC Apron.
- Some plastic personal protective equipment (PPE) (e.g. gloves, aprons, overshoes) is not recommended as they may produce static electricity.

9 Physical and chemical properties:

APPEARANCE

Clear amber liquid with a slightly unpleasant odour; mixes with water.

PHYSICAL PROPERTIES

Liquid. Mixes with water.

Molecular Weight:	Not Applicable
Boiling Range (°C):	Not Available
Melting Range (°C):	Not Applicable
Specific Gravity (water=1):	1.020 - 1.04



Solubility in water (g/L):	Miscible
pH (as supplied):	12 - 13
pH (1% solution):	Not Available
Vapour Pressure (kPa):	Not Volatile
Component (%vol):	Not Available
Evaporation Rate:	Not Available
Relative Vapour Density (air=1):	Not Available
Flash Point (°C):	Not Available
Lower Explosive Limit (%):	Not Applicable
Upper Explosive Limit (%):	Not Applicable
Autoignition Temp (°C):	Not Applicable
Decomposition Temp (°C):	Not Available
State:	Liquid
Viscosity:	Not A vailable

10 Stability and reactivity

CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.
- Product is considered stable.
- Hazardous polymerisation will not occur.

For incompatible materials - refer to Section 7 - Handling and Storage.

11 Toxicological information

TOXICITY AND IRRITATION

Class 6 Toxicity

- 6.1E Substances that are acutely toxic - May be harmful.
- 6.3A Substances that are irritating to the skin.

Class 8 Corrosive:

- 8.3A Substances that are corrosive to ocular tissue.

Class 9 Ecotoxicity

- 9.1C (fish) Substances that are harmful in the aquatic environment.
- 9.1C (crustacean) Substances that are harmful in the aquatic environment.

12 Ecological information:

Ecotoxicity

Class 9 Ecotoxicity

- 9.1C (fish) Substances that are harmful in the aquatic environment.
- 9.1C (crustacean) Substances that are harmful in the aquatic environment.

13 Disposal considerations

Product:

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. Consult local or national regulations to ensure proper disposal.

Unclean packaging:

Disposal must be made according to official regulations.

14 Transport information

- **Land transport regulations:**



PPS INDUSTRIES LIMITED

- **Hazard class:** Not regulated
- **Identification number:** N/A
- **Packing group:** N/A
- **Proper shipping name (technical name):** N/A

15 Regulations

HSNO Class:

Class 6 Toxicity

6.1E Substances that are acutely toxic - May be harmful.

6.3A Substances that is irritating to the skin.

Class 8 Corrosive:

8.3A Substances that is corrosive to ocular tissue.

Class 9 Ecotoxicity

9.1C (fish) Substances that are harmful in the aquatic environment.

9.1C (crustacean) Substances that are harmful in the aquatic environment.

EPA Group standard: HSR002503

Certified Handler : Not Applicable

Tracking : Not Applicable

16 Other information:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

- **Issue date:** 13/09/2021
- **Review date:** 13/09/2026