SECTION 1: IDENTIFICATION

PRODUCT NAME

P-80 Emulsion Temporary Rubber Assembly Lubricant

IMPORTER NAME

IMPORTER – AUSTRALIA

Hendrickson Asia Pacific Pty Ltd
32-44 Letcon Drive, Bangholme
Victoria 3201

PHONE NUMBER

+61 3 8792 3600
8:30am to 5:00pm EST/EDT

EMERGENCY CONTACT NUMBER – 24 HOUR

Poisons Information Centre – Australia
131 126

IMPORTER – NEW ZEALAND

Hendrickson New Zealand
Unit P, 24 Allright Place
Mt Wellington, Auckland, 1060

PHONE NUMBER

+64 9 570 4721
8:30am to 5:00pm NZST/NZDT

EMERGENCY CONTACT NUMBER – 24 HOUR

National Poisons Centre – New Zealand
0800 764 766 (0800 POISON)

ADDITIONAL INFORMATION

Manufacturer:

International Products Corporation
201 Connecticut Drive, Burlington NJ 08016, USA

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE

Product use:

Lubricant
Temporary Rubber Assembly Lubricant
For industrial use only

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Classification acc. to GHS

Section	Hazard class	Category	Hazard class & category	Hazard statement
A.4S	Skin sensitisation	1	Skin Sens. 1	H317

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word Warning
- Pictograms

GHS07

Hazard Statements.

Signal word	Symbol(s)	Code	Hazard statement.
Warning		H317	May cause an allergic skin reaction

Precautionary Statements

Code	Precautionary Statements.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	If on skin: Wash with plenty of water.
P321	Specific treatment (see on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container to industrial combustion plant.

2.2.1.7 Hazardous ingredients for labelling:

2-methylisothiazol-3(2H)-one, 2-octyl-3(2H)-isothiazolone

2.3 Other hazards

Hazards not otherwise classified

Supplemental hazard information

Code	Supplemental hazard information
HNOC001	May be harmful if swallowed (GHS category 5: acutely toxic – oral).
HNOC010	Harmful to aquatic life with long lasting effects (GHS category 3: aquatic toxicity – acute and/or chronic).

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Endocrine disrupting properties

Does not contain an endocrine disruptor (EDC) in a concentration of ≥ 0.1%.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictograms
Water	CAS No 7732-18-5	75 – < 90		
2-methylisothiazol-3(2H)-one	CAS No 2682-20-4	< 0.05	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 2 / H330 Skin Corr. 1B / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317	
2-octyl-3(2H)-isothiazolone	CAS No 26530-20-1	< 0.05	Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 2 / H330 Skin Corr. 1 / H314 Eye Dam. 1 / H318 Skin Sens. 1A / H317	

SECTION 4: FIRST-AID MEASURES

4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2)

5.3 Advice for firefighters

Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: Sawdust, Kieselgur (diatomite), Sand, Universal binder

Appropriate containment techniques

Use of adsorbent materials.

6.4 Reference to other sections

Hazardous combustion products: see Section 5. Personal protective equipment: see Section 8. Incompatible materials: see Section 10. Disposal considerations: see Section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation
  Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feeding stuffs.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Recommended storage temperature: 2 – 30 °C

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)

This information is not available

Relevant DNELs of components of the mixture

Name of substance	CAS No	Endpoint	Threshold level	Protection goal, route of exposure	Used in	Exposure time
2-methylisothiazol-3(2H)-one	2682-20-4	DNEL	0.021 mg/m³	Human, inhalatory	Worker (industry)	Chronic – local effects
2-methylisothiazol-3(2H)-one	2682-20-4	DNEL	0.043 mg/m³	Human, inhalatory	Worker (industry)	Acute – local effects

Relevant PNECs of components of the mixture

Name of substance	CAS No	Endpoint	Threshold level	Organism	Environmental compartment	Exposure time
2-methylisothiazol-3(2H)-one	2682-20-4	PNEC	3.39 µg/l	Aquatic organisms	Freshwater	Short-term (single instance)
2-methylisothiazol-3(2H)-one	2682-20-4	PNEC	3.39 µg/l	Aquatic organisms	Marine water	Short-term (single instance)
2-methylisothiazol-3(2H)-one	2682-20-4	PNEC	0.23 mg/l	Aquatic organisms	Sewage treatment plant (stp)	Short-term (single instance)
2-methylisothiazol-3(2H)-one	2682-20-4	PNEC	0.047 mg/kg	Terrestrial organisms	Soil	Short-term (single instance)
2-octyl-3(2H)-isothiazolone	26530-20-1	PNEC	2.2 µg/l	Aquatic organisms	Freshwater	Short-term (single instance)
2-octyl-3(2H)-isothiazolone	26530-20-1	PNEC	0.22 µg/l	Aquatic organisms	Marine water	Short-term (single instance)
2-octyl-3(2H)-isothiazolone	26530-20-1	PNEC	47.5 µg/kg	Aquatic organisms	Freshwater sediment	Short-term (single instance)
2-octyl-3(2H)-isothiazolone	26530-20-1	PNEC	4.75 µg/kg	Aquatic organisms	Marine sediment	Short-term (single instance)
2-octyl-3(2H)-isothiazolone	26530-20-1	PNEC	8.2 µg/kg	Terrestrial organisms	Soil	Short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment) Eye/face protection

Wear eye/face protection. Use protective eyewear to guard against splash of liquids. Work with safety glasses.

Skin protection

- Hand protection

Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Type of material

PVC: polyvinyl chloride, PE: polyethylene, NR: natural rubber, latex, CR: chloroprene (chlorobutadiene) rubber, NBR: acrylonitrile-butadiene rubber, IIR: isobutene-isoprene (butyl) rubber, FKM: fluoro-elastomer, PVA: polyvinyl alcohol, Nitrile

- Material thickness

At least 4 mil.

- Breakthrough times of the glove material

>240 minutes (permeation: level 5)

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

[In case of inadequate ventilation] wear respiratory protection. Half mask (EN 140). Type : A (against organic gases and vapours with a boiling point of > 65 °C , colour code: Brown).

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Physical state	Liquid
Colour	White-opaque
Particle	Not relevant (liquid)
Odour	Characteristic

Other safety parameters

pH (value)	7.5 – 9.5
Melting point/freezing point	Not determined
Initial boiling point and boiling range	100 °c
Flash point	Not determined
Evaporation rate	Not determined
Flammability (solid, gas)	Not relevant, (fluid)
Vapour pressure	Not determined
Density	0.996 – 0.998 $^{g}/_{cm^3}$ at 25 °C
Vapour density	This information is not available
Solubility(ies)	Not determined

Partition coefficient

n-octanol/water (log KOW)	This information is not available
Auto-ignition temperature	Not determined

Viscosity

Kinematic viscosity	100.2 – 200.4 $^{mm^2}/_{s}$ at 25° C
Dynamic viscosity	100 – 200 cP at 25° C
Explosive properties	None
Oxidising properties	None

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability Shelf-life

Shelf-life. Two years from the date of manufacture.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Do not mix with other chemicals.

10.5 Incompatible materials

Avoid extended contact with uncured paint, zinc, aluminium, cold rolled steel, or copper and its alloys.

Avoid contact with polycarbonate, polymethyl methacrylate, and polyphenylene oxide as these plastics may craze over time. Refer to product's compatibility sheets for further details.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Basis of test data.

Classification procedure

The classification is based on tested mixture.

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful if swallowed.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity – single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity – repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Aquatic toxicity (acute) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
2-methylisothiazol-3(2H)- one	2682-20-4	LC50	4.77 mg/l	fish	96 h
2-methylisothiazol-3(2H)- one	2682-20-4	EC50	1.7 mg/l	aquatic invertebrates	24 h
2-methylisothiazol-3(2H)- one	2682-20-4	ErC50	>0.072 mg/l	algae	96 h
2-octyl-3(2H)-isothiazolone	26530-20-1	LC50	0.122 mg/l	fish	96 h
2-octyl-3(2H)-isothiazolone	26530-20-1	ErC50	0.15 mg/l	algae	96 h

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
2-methylisothiazol-3(2H)- one	2682-20-4	EC50	1.4 mg/l	aquatic invertebrates	21 d
2-methylisothiazol-3(2H)- one	2682-20-4	ErC50	0.22 mg/l	algae	120 h

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

None of the ingredients are listed.

12.7 Other adverse effects

Data are not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Sewage disposal-relevant information

May be disposed according to local, state and country regulations.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: TRANSPORT INFORMATION

14.1	**UN number**	Not subject to transport regulations
14.2	**UN proper shipping name**	Not assigned
	UN proper shipping name	Not assigned
14.3	**Transport hazard class(es)**	None
14.4	**Packing group**	Not assigned
14.5	**Environmental hazards**	Non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Superfund Amendment and Reauthorisation Act (SARA TITLE III)

The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

None of the ingredients are listed.

Specific Toxic Chemical Listings (EPCRA Section 313)

None of the ingredients are listed

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

None of the ingredients are listed.

Clean Air Act

None of the ingredients are listed.

Right to Know Hazardous Substance List

Hazardous Substance List (NJ-RTK)

None of the ingredients are listed

National inventories

Country	National inventories	Status
EU	REACH Reg.	Not all ingredients are listed
US	TSCA	All ingredients are listed (ACTIVE)
AU	AIIC	Not all ingredients are listed
CA	DSL	All ingredients are listed
CN	IECSC	Not all ingredients are listed
EU	ECSI	All ingredients are listed
JP	CSCL-ENCS	Not all ingredients are listed
JP	ISHA-ENCS	Not all ingredients are listed
KR	KECI	All ingredients are listed
MX	INSQ	Not all ingredients are listed
NZ	NZIoC	All ingredients are listed
PH	PICCS	Not all ingredients are listed
TR	CICR	Not all ingredients are listed
TW	TCSI	All ingredients are listed

Legend	
AIIC	Australian Inventory of Industrial Chemicals
CICR	Chemical Inventory and Control Regulation
CSCL-ENCS	List of Existing and New Chemical Substances (CSCL-ENCS)
DSL	Domestic Substances List (DSL)
ECSI	EC Substance Inventory (EINECS, ELINCS, NLP)
IECSC	Inventory of Existing Chemical Substances Produced or Imported in China
INSQ	National Inventory of Chemical Substances
ISHA-ENCS	Inventory of Existing and New Chemical Substances (ISHA-ENCS)
KECI	Korea Existing Chemicals Inventory
NZIoC	New Zealand Inventory of Chemicals
PICCS	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
REACH Reg.	REACH registered substances
TCSI	Taiwan Chemical Substance Inventory
TSCA	Toxic Substance Control Act

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
Acute Tox.	Acute toxicity
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control
Eye Dam.	Seriously damaging to the eye
Eye Irrit.	Irritant to the eye
GHS	"Globally Harmonised System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
NLP	No-Longer Polymer
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
RTECS	Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)
Skin Corr.	Corrosive to skin
Skin Irrit.	Irritant to skin
Skin Sens.	Skin sensitisation
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

- OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.
- Transport of dangerous goods by road or rail (49 CFR US DOT).
- International Maritime Dangerous Goods Code (IMDG).
- Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

The classification is based on tested mixture.

Classification on the basis of specific effects on human health (CMR effects)

The classification is based on:

Harmonised (legal) classification.

Classification on the basis of environmental effects

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in Section 2 and Section 3)

Code	Text
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Revision

Revision Date: 19 November 2024
Date of First Issue: 12 July 2023