



INDUSTRIAL  
LUBRICANTS &  
SERVICES LIMITED

## MSDS SUPPLEMENT TO GHS REGULATIONS

To comply with the Hazardous Substance and New Organisms Act, this coversheet offers New Zealand specific information. This page "0" is to be considered part of the MSDS.

### Product Name & Company Identification

Trade Name	Date of Issue
JAX PYRO-PLATE EPN-2	13 March 2023

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Company Name	INDUSTRIAL LUBRICANTS & SERVICES LTD 1/15 ACCENT DRIVE EAST TAMAKI AUCKLAND, 2013 Tel: +64 9 274 0159
Emergency Contact	<b>National Poisons Centre - New Zealand</b> <b>0800 764 766 or Chemcall 0800 243 622</b>

### Hazards Identification

According to criteria in the Hazardous Substances (Hazard Classification) Notice 2020, this material is **NOT CLASSIFIED** as Hazardous

According to criteria in Transport of Dangerous Goods on Land NZS 5433:2020, product is **NOT CLASSIFIED** as a Dangerous Good for transport.

### Other Information

HSN (Tariff Code)	2710.12.59 19B
Shelf Life	5 Years

INDUSTRIAL LUBRICANTS & SERVICES LTD

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PRODUCT - AI JAX PYRO-PLATE EPN-2

ISSUE DATE 13/03/2023



# JAX Pyro-Plate EPN-2

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 3/13/2023 Supersedes: 3/13/2023 Version: 1.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : JAX Pyro-Plate EPN-2  
Product code : PPEPN2

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Lubricants and additives

#### 1.3. Supplier

JAX INC.  
W134N5373 Campbell Drive  
Menomonee Falls, WI 53051  
T (262) 781-8850  
[info@jax.com](mailto:info@jax.com)

#### 1.4. Emergency telephone number

Emergency number : Infotrac : North America 1-800-535-5053 | International 1-352-323-3500

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

No labeling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

35% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
40% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
10% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%
distillates (petroleum), solvent-refined heavy paraffinic	CAS-No.: 64741-88-4	10 – 20

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Name	Product identifier	%
Benzenesulfonic acid alkyl(C=10-16) derivs., calcium salt	CAS-No.: 68584-23-6	1 – 5
Benzenesulfonicacid,dodecyl-,calciumsalt	CAS-No.: 26264-06-2	1 – 5

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry powder. Foam. Carbon dioxide.

#### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.  
Other information : Dispose of materials or solid residues at an authorized site.

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### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### JAX Pyro-Plate EPN-2

No additional information available

#### distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)

No additional information available

#### Benzenesulfonic acid alkyl(C=10-16) derivs., calcium salt (68584-23-6)

No additional information available

#### Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: red
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 356 °F (180°C), ASTM D 92
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 0.95 – 1.05 g/cm <sup>3</sup> @20°C
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

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### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### JAX Pyro-Plate EPN-2

Unknown acute toxicity (GHS US)	35% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 40% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 10% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
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#### distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)

LD50 oral rat	> 5000 mg/kg Source: IUCLID
LD50 dermal rabbit	> 2000 mg/kg Source: IUCLID
LC50 Inhalation - Rat (Dust/Mist)	2.18 mg/l Source: IUCLID
ATE US (dust, mist)	2.18 mg/l/4h

#### Benzenesulfonic acid alkyl(C=10-16) derivs., calcium salt (68584-23-6)

LD50 oral rat	> 16000 mg/kg body weight Animal: rat, Animal sex: male, Guideline: other:, Remarks on results: other:
LD50 dermal rabbit	> 5000 mg/kg Source: ECHA
LC50 Inhalation - Rat	> 1.9 mg/l air Animal: rat, Guideline: EPA OPP 81-3 (Acute inhalation toxicity), Remarks on results: other:
LC50 Inhalation - Rat (Dust/Mist)	> 1.9 mg/l Source: ECHA
ATE US (dust, mist)	1.5 mg/l/4h

#### Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)

LD50 oral rat	650 mg/kg
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:
LC50 Inhalation - Rat	0.31 mg/l air Animal: rat, Animal sex: male, Remarks on results: other:
ATE US (oral)	650 mg/kg body weight

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitization : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified.  
Reproductive toxicity : Not classified  
STOT-single exposure : Not classified

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STOT-repeated exposure : Not classified.

### **Benzenesulfonic acid alkyl(C=10-16) derivs., calcium salt (68584-23-6)**

NOAEL (oral,rat,90 days)	500 mg/kg body weight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)
NOAEL (dermal,rat/rabbit,90 days)	> 1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)

### **Benzenesulfonicacid,dodecyl-,calciumsalt (26264-06-2)**

LOAEL (oral,rat,90 days)	200 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
LOAEL (dermal,rat/rabbit,90 days)	286 mg/kg body weight Animal: rat, Animal sex: male
NOAEL (oral,rat,90 days)	100 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (dermal,rat/rabbit,90 days)	< 286 mg/kg body weight Animal: rat, Animal sex: male
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

### **distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)**

LC50 - Fish [1]	> 5000 mg/l Source: IUCLID
EC50 - Crustacea [1]	> 1000 mg/l Source: IUCLID
EC50 96h - Algae [1]	> 1000 mg/l Source: IUCLID

### **Benzenesulfonic acid alkyl(C=10-16) derivs., calcium salt (68584-23-6)**

LC50 - Fish [1]	10000 mg/l Source: ECHA
EC50 72h - Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 1000 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)

### **Benzenesulfonicacid,dodecyl-,calciumsalt (26264-06-2)**

NOEC (chronic)	0.253 mg/l Test organisms (species): other: Duration: '30 d'
NOEC chronic fish	0.23 mg/l Test organisms (species): other: Duration: '30 d'

### **12.2. Persistence and degradability**

No additional information available

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### 12.3. Bioaccumulative potential

#### distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)

Partition coefficient n-octanol/water (Log Pow) 3.9 – 6 Source: ICSC

#### Benzenesulfonic acid alkyl(C=10-16) derivs., calcium salt (68584-23-6)

Partition coefficient n-octanol/water (Log Pow) > 4.46 Source: ECHA

#### Benzenesulfonic acid, dodecyl-, calcium salt (26264-06-2)

BCF - Fish [2] >

BCF - Other aquatic organisms [1] ≥

Partition coefficient n-octanol/water (Log Pow) 14.1

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
<b>14.1. UN number</b>			
Not regulated for transport			
<b>14.2. Proper Shipping Name</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>			
Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available			

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### 14.6. Special precautions for user

#### DOT

No data available

#### TDG

No data available

#### IMDG

No data available

#### IATA

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

#### Benzenesulfonicacid,dodecyl-,calciumsalt (26264-06-2)

CERCLA RQ

1000 lb

### 15.2. International regulations

#### CANADA

#### distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)

Listed on the Canadian DSL (Domestic Substances List)

#### Benzenesulfonic acid alkyl(C=10-16) derivs., calcium salt (68584-23-6)

Listed on the Canadian DSL (Domestic Substances List)

#### Benzenesulfonicacid,dodecyl-,calciumsalt (26264-06-2)

Listed on the Canadian DSL (Domestic Substances List)

#### EU-Regulations

No additional information available

#### National regulations

#### distillates (petroleum), solvent-refined heavy paraffinic (64741-88-4)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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### **Benzenesulfonicacid,dodecyl-,calciumsalt (26264-06-2)**

Listed on INSQ (Mexican National Inventory of Chemical Substances)

### **15.3. US State regulations**

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## **SECTION 16: Other information**

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Safety Data Sheet (SDS), USA

The information and recommendations contained herein are, to the best of JAX INC.'s knowledge and belief, accurate and reliable as of the date issued. JAX INC. makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and JAX INC. shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with JAX INC.'s interpretation of the available data.