



SAFETY DATA SHEET

CONFORMS TO OSHA HAZARD COMMUNICATION STANDARD
(HCS) 29 CFR 1910.1200

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Revision Date 4/17/2018
Supersedes Date 10/12/2015

SECTION 1. IDENTIFICATION

Product identifier: JAX Pyro-Plate EPN-2
Part number: PPEPN2
Identified uses: Industrial lubricant
Uses advised against: Any use not specified above, or any use specified against elsewhere in this SDS.

Supplier: JAX INC
W134 N5373 Campbell Drive
Menomonee Falls, WI 53051 USA

Email contact: info@jax.com

Non-emergency contact: Phone: 262-781-8850 Fax: 262-781-3906

Emergency telephone: INFOTRAC:
North America 1-800-535-5053 Australia 1-300-366-961 Germany 0800-181-2926
International 011-1-352-323-3500 (collect) China 400-120-0761

SECTION 2. HAZARD(S) IDENTIFICATION

Classification: Eye Irritation Cat. 2A; Skin Sensitization Cat. 1

Label elements

Pictograms:



Signal word: Warning

Hazard statements: May cause an allergic skin reaction. Causes serious eye irritation.

Precautionary statements: Avoid breathing fume/ mist/ vapors/ spray. Wash skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/ face protection. Wear protective gloves. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/ attention. If eye irritation persists: Get medical advice/ attention. Wash contaminated clothing before reuse. Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified: Not applicable.

Additional information: Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Chemical name	%	CAS #	Impurities
	Distillates (petroleum), solvent-refined heavy paraffinic*	10-<20	64741-88-4	None
	Calcium carbonate (dust)	5-<10	471-34-1	None
	Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	1-<5	68584-23-6	None
	Calcium dodecylbenzene sulphonate	1-<5	26264-06-2	None
	Sulfonic acids, petroleum, calcium salts	1-<5	61789-86-4	None
	bis(nonylphenyl)amine	1-<5	36878-20-3	None
	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts	1-<5	70024-69-0	None

SECTION 4. FIRST-AID MEASURES

First aid measures

Eye contact: Remove contact lenses, if wearing, and flush eyes with water for 15 minutes. Get medical attention immediately.

Skin contact: Wash off with warm water and soap. If skin irritation persists, call a physician. Cool skin rapidly with cold water after contact with molten material. In the event of a high pressure injection injury, worker should obtain immediate medical assistance.

Ingestion: If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician.

Inhalation: Remove to fresh air. Aspiration may cause pulmonary edema and pneumonitis. If symptoms persist, call a physician. Give oxygen or artificial respiration if needed.

Most important symptoms and effects, both acute and delayed: May cause an allergic skin reaction. Causes serious eye irritation.

Indication of any immediate medical attention and special treatment available: See First aid measures (above).

General information: No further relevant information available.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguishing media include dry chemical, alcohol foam, and carbon dioxide. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.

Unsuitable extinguishing media: Do not use direct stream of water.

Specific hazards: Burning produces noxious and toxic fumes.

Advice for firefighters: Cool containers/tanks with water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Prevent entry into sewers, waterways or confined areas by diking or impounding. Dike far ahead of spill for later recovery and disposal. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.

Methods for containment and cleaning up

Land spill: Stop leak if you can do so without risk. Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Recover by pumping or with suitable absorbents. Dispose of in accordance with national and/or local regulations relating to waste disposal.

Water spill: Stop leak if you can do so without risk. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Keep container tightly closed. Protect from contamination. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment. Avoid contact with acids, bases and oxidizing agents.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry place in tightly sealed containers. Store out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or other sources of ignition. Do not store where temperature may exceed 49°C (120°F). Store away from oxidizing agents. Rotate stock.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Workplace exposure limits:</u>	<u>Chemical name</u>	<u>Exposure limit and source</u>
	Distillates (petroleum), solvent-refined heavy paraffinic*	5 mg/m ³ (oil mist), OSHA
	Calcium carbonate (dust)	TWA (respirable) = 5 mg/m ³ (NIOSH REL)
	Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	Not available
	Calcium dodecylbenzene sulphonate	Not available
	Sulfonic acids, petroleum, calcium salts	Not available
	bis(nonylphenyl)amine	None
	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts	Not available

Exposure controls

Engineering controls: Ensure that eyewash stations and safety showers are close to the workstation location. Effective exhaust ventilation system.

Ventilation: Use in a well-ventilated area. See Engineering Controls.

Personal hygiene: Handle in accordance with good industrial hygiene and safety practice.

- Eye protection:** Wear safety glasses with side-shields.
- Hand protection:** Wear impervious gloves. Replace when worn.
- Respiratory protection:** No personal respiratory protective equipment normally required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance / odor:	Red semi-solid with mild petroleum odor	Upper flammability limit:	Not available
		Lower flammability limit:	Not available
Physical state:	Semi-solid	Vapor pressure:	Not available
Odor threshold:	Not available	Vapor density:	Not available
pH:	Not available	Relative density:	0.95 - 1.05 g/cm ³ @ 20°C
Melting / freezing point:	Not available	Solubility in water:	Negligible
Initial boiling point and boiling range:	Not available	Partition coefficient (n-octanol/water):	Not available
Flash point:	356°F (180°C), ASTM D 92	Autoignition temperature:	Not available
Evaporation rate:	Not available	Decomposition temperature:	Not available
Flammability (solid, gas):	Not applicable	Viscosity:	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended conditions.
Possibility of hazardous reactions:	Hazardous reactions are not expected to occur.
Conditions and materials to avoid:	Avoid heat, open flames, strong acids, strong bases, and oxidizing materials. Avoid exposure to moisture. Avoid contamination.
Hazardous decomposition products:	Carbon oxides, hydrocarbons, metal oxides and sulphur oxides.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Eye contact:	Causes serious eye irritation.
Skin contact:	May cause an allergic skin reaction.
Inhalation:	Aspiration may cause pulmonary oedema and pneumonitis.
Ingestion:	Acute toxicity estimate: > 5000 mg/kg (calculation method)

Component information:	Components	LD₅₀	LC₅₀
	Distillates (petroleum), solvent-refined heavy paraffinic*	Not available	Not available
	Calcium carbonate (dust)	Not available	Not available
	Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	Not available	Not available
	Calcium dodecylbenzene sulphonate	>4199 mg/kg (dermal, rabbit)	Not available
	Sulfonic acids, petroleum, calcium salts	>5000 mg/kg (oral, rat)	Not available
	bis(nonylphenyl)amine	No skin irritation (dermal, rabbit)	Not available
	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts	Not available	Not available

Information on physical, chemical and toxicological effects

Symptoms:	See Section 4 of this SDS for symptoms.
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Delayed and immediate effects, and chronic effects, from short and long-terms exposure

Effects:	May cause an allergic skin reaction. Causes serious eye irritation.
Carcinogenicity:	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed

human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Numerical measures of toxicity: Not determined

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: See below.

Component information:	Components	L(E)C₅₀
	Distillates (petroleum), solvent-refined heavy paraffinic*	Not available
	Calcium carbonate (dust)	Not available
	Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	Not available
	Calcium dodecylbenzene sulphonate	2.5 mg/l/48h [Daphnia magna (Water flea)]
	Sulfonic acids, petroleum, calcium salts	>100 mg/l/48h [Daphnia magna (Water flea)]
	bis(nonylphenyl)amine	18.9-39.2 mg/l/96h [Crangon crangon (shrimp)]
	Benzenesulfonic acid, mono-C16-24-alkyl derivatives, calcium salts	Not available

Persistence and degradability: Not determined

Bioaccumulative potential: Not determined

Mobility in soil: Not available

Other adverse effects: Not determined

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Consult national or regional authorities for proper disposal and reporting procedures.

SECTION 14. TRANSPORTATION INFORMATION

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

	Proper Shipping Name:	UN Number:	Hazard Class:	Packing Group:	Remarks:
U.S. D.O.T.	Not regulated	None	None	None	None
ADR/RID	Not regulated	None	None	None	None
IMDG	Not regulated	None	None	None	None
IATA	Not regulated	None	None	None	None

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA Section 302 Extremely Hazardous Substances: This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None

SARA Section 304 CERCLA Hazardous Substances: Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA: None

SARA Section 313 Toxic Chemicals: This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: None

TSCA Inventory: All components are either listed or exempted from listing on the TSCA Inventory.

U.S. State Regulations

California Proposition 65 Status: This product does not contain chemical(s) known to the State of California to cause cancer, birth defects, or other reproductive harm.

California
Proposition 65
Listed Components: None

International Regulations

Canada: This product has been classified in accordance with the hazard criteria of WHMIS 2015 and the SDS contains all of the information required by those regulations.

Japan MITI: Not available

Australia: Not available

Switzerland: Not available

SECTION 16. OTHER INFORMATION

Sections Revised: Section 15

Revision Date: 4/17/2018

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.

*** END OF SDS ***