



SAFETY DATA SHEET

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

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Revision Date 7/30/2015
Supersedes Date 6/29/2015

SECTION 1. IDENTIFICATION

Product identifier: JAX Magna-Plate 1100 HD-PM

Part number: HDPMQ

Identified uses: Lubricant where there is no possibility of contact with food

Uses advised against: Not for use where there is the possibility of contact with food. Other uses advised against may be specified elsewhere in this SDS.

Supplier: JAX INC.
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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 Damage/Irritation Cat. 2; Skin Sensitization Cat. 1

Label elements

Pictograms:



Signal word: Warning

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

Precautionary statements: Wear protective gloves/ eye protection/ face protection. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. 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, or if eye irritation persists: Get medical attention. Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified: Not applicable.

Additional information: Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Composition:</u>	<u>Chemical name</u>	<u>%</u>	<u>CAS #</u>	<u>Impurities</u>
	Distillates (petroleum), solvent-dewaxed heavy paraffinic*	40-70	64742-65-0	None
	Sulfonic acids, petroleum, calcium salts	5-15	61789-86-4	None
	Diboron calcium tetraoxide	1-5	13701-64-9	None
	Calcium dodecylbenzene sulphonate	1-5	26264-06-2	None

SECTION 4. FIRST-AID MEASURES

First aid measures

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Skin contact: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person

providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed:

Potential acute health effects: Causes serious eye irritation. May cause an allergic skin reaction. Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms: Eye contact: pain or irritation; watering; redness. Skin contact: irritation; redness.

Indication of any immediate medical attention and special treatment available:

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

General information:

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

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:

Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.

Advice for firefighters:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

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

Small spill: Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
Large spill: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Protective measures: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure limits:

Chemical name

Distillates (petroleum), solvent-dewaxed heavy paraffinic*
Sulfonic acids, petroleum, calcium salts
Diboron calcium tetraoxide

Exposure limit and source

5 mg/m³ (mist), 8 hours, OSHA PEL
DNEL = 1.03 mg/cm², long-term dermal, local
Not available

Calcium dodecylbenzene sulphonate

Not available

Exposure controls**Engineering controls:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.**Ventilation:** Use in a well-ventilated area. See Engineering Controls.**Personal hygiene:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.**Eye protection:** Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.**Hand protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.**Respiratory protection:** Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control.**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance / odor:	Tan-colored grease with mild petroleum odor	Upper flammability limit:	Not determined
		Lower flammability limit:	Not determined
Physical state:	Semi-solid	Vapor pressure:	Not available
Odor threshold:	Not available	Vapor density:	Not available
pH:	Not available		
Melting / freezing point:	Not available	Relative density:	0.96 (typical)
Initial boiling point and boiling range:	Not available	Solubility in water:	Insoluble in cold water
Flash point:	Not available. Flammable in the presence of open flames, sparks, static discharge, and heat.	Partition coefficient (n-octanol/water):	Not available
Evaporation rate:	Not available	Autoignition temperature:	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, sparks, open flames and strong oxidizers such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.
Hazardous decomposition products:	Decomposition products may include the following materials: carbon dioxide, carbon monoxide, sulfur oxides, metal oxide/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:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

Component information:	Components	LD₅₀	LC₅₀
	Distillates (petroleum), solvent-dewaxed heavy paraffinic*	>5000 mg/kg (oral, rat)	Not available
	Sulfonic acids, petroleum, calcium salts	>5 g/kg (oral, rat)	Not available
	Diboron calcium tetraoxide	Not available	Not available
	Calcium dodecylbenzene sulphonate	1300 mg/kg (oral, rat)	Not available

Information on physical, chemical and toxicological effects

Symptoms: Please see Section 4 of this SDS for symptoms.

Delayed and immediate effects, and chronic effects, from short and long-terms exposure

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

Carcinogenicity: This product does not contain a carcinogen or potential carcinogen as listed by NTP or IARC.

Numerical measures of toxicity: Not determined

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available

Component information:	Components	L(E)C₅₀
	Distillates (petroleum), solvent-dewaxed heavy paraffinic*	Not available
	Sulfonic acids, petroleum, calcium salts	Not available
	Diboron calcium tetraoxide	Not available
	Calcium dodecylbenzene sulphonate	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 of this material are on the U.S. 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 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: New SDS format

Revision Date: 7/30/2015

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 ***