MATERIAL SAFETY DATA SHEET

CONFORMS TO DIRECTIVE 2001/58/EC AMENDING DIRECTIVE 91/155/EEC

Section 1. Identification of the Company and the Preparation

Product Name **JAX MAGNA-PLATE 220FG**
JAX MAGNA-PLATE 320FG
JAX MAGNA-PLATE 460FG

Revision Date 4/30/2008
Supersedes Date 1/11/2008

Supplier **BEHNKE LUBRICANTS, INC.**
W134 N5373 CAMPBELL DRIVE
MENOMONEE FALLS, WI 53051 USA

Product No. **00900; 01200; 01400**
Material Use Incidental-contact food machinery lubricant

Non-Emergency Contact Phone: 1-800-782-8850 (North America) +01-262-781-8850 (International)
Fax: 1-262-781-3906 (North America) +01-262-781-3906 (International)

In Case of Emergency CHEMTREC: 1-800-424-9300 (North America) +01-703-527-3887 Collect (International)

Section 2. Composition / Information on Ingredients

This preparation is classified as not dangerous according to Directive1999/45/EC and its amendments.
Components listed below either meet the reporting requirements as specified in U.S. 29 CFR 1910.1200 or EU Directive 1999/45/EC as amended, or are reported for informational purposes only.

Ingredient*	%	PEL/TLV, Source	CAS #	EINECS #	EU Hazard Symbol	R-Phrases**
White mineral oil	50-80	5 mg/m^3 (oil mist), OSHA	8042-47-5	232-455-8	None	None

***See Section 11 for LD_{50} and LC_{50} of ingredients.** ****See Section 16 for full text of R-Phrases.**

Section 3. Hazards Identification

Physicochemical Hazards Not physicochemically hazardous per EU Directive 1999/45/EC definitions.

Human Health Hazards See Section 11.

Environmental Hazards No data available

Section 4. First Aid Measures

Eye Contact Remove contact lenses, if wearing. Flush eyes with large amounts of water, lifting lids to ensure thorough flushing. If irritation or other symptoms persist, call a physician.

Skin Contact Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.

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 If exposed to excessive levels of material in the air, move the exposed person to fresh air. If breathing is difficult, give oxygen; seek medical attention if respiratory difficulties continue. If not breathing, give artificial respiration and seek medical attention immediately.

Section 5. Firefighting Measures

Flash Point 432°F (222°C) min., ASTM D 92
Autoignition Temperature N/A
Sensitive to Mechanical Impact No
Sensitive to Static Discharge No
Lower Flammability Limit N/A
Upper Flammability Limit N/A

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

Special Hazards Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for the firefighters. Leaks/ruptures in high-pressure systems using materials of this type can create a fire hazard when in the vicinity of ignition sources (open flame, pilot lights, sparks or electric arcs).

Products of Combustion Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

Special Protective Equipment for Firefighters Firefighters should wear full protective clothing, including helmet, and NIOSH-approved self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive-pressure mode.

Section 6. Accidental Release Measures

Personal Precautions Extinguish all sources of ignition. Provide sufficient ventilation and/or respiratory protection. Wear appropriate protective clothing, gloves, face mask, goggles/glasses to prevent contact with the eyes and skin. See Section 8.

Environmental Precautions	Keep product out of sewers and watercourses by diking or impounding. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.
Methods for Clean-Up	Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Dispose of in accordance with national and/or local regulations relating to waste disposal.

Section 7. Handling and Storage

Handling	Keep away from heat, sparks, open flame or where temperature may exceed 49°C (120°F). Do not throw empty container into fire or trash compactor. Container is not designed to contain pressure; do not use pressure to empty container or it may rupture with explosive force. "Empty" containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, or grind such containers as they may explode and can cause injury or death. Use only with adequate ventilation. Do not breathe vapor or mist. Do not take internally. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Do not transfer to nor store in an unmarked container. Read label and MSDS before using. Do not smoke when handling or using this product. Do not use in high-pressure systems in the vicinity of flames, sparks and hot surfaces. Empty container should be promptly returned to a drum reconditioner. For industrial use only.
Storage	Store in tightly sealed containers. Store in a cool, dry place out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or where temperature may exceed 49°C (120°F). Rotate stock.

Section 8. Exposure Controls / Personal Protection

Occupational Exposure Limit	See Section 2.
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.
Ventilation	Use in a well ventilated area. See Engineering Controls.
Protective Gloves	Any lined non-permeable rubber gloves.
Eye Protection	Chemical splash goggles or face shield are advised when eye contact may occur.
Personal Hygiene	Wash skin thoroughly after contact, before breaks and meals and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

Section 9. Physical and Chemical Properties

Appearance/Odor	Water white oil with little or no odor	**Vapor Pressure**	Not available
		Solubility in Water	Nil
pH	Not available	**Density**	Not available
Boiling Point	Not available		
Oxidizing Properties	Not an oxidizer	**Viscosity**	Not available
Percent Volatile	0	**Vapor Density**	Not available
Coefficient of Water/Oil Distribution	N/A	**Evaporation Rate**	Not available
Partition Coefficient: n-octanol/water	N/A	**Physical State**	Liquid

Section 10. Stability and Reactivity

Conditions and Materials to Avoid	Avoid contact with heat, sparks, open flames, and oxidizing agents.
Hazardous Polymerization	Hazardous polymerization will not occur.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

Section 11. Toxicological Information

Routes of Entry	Skin contact, eye contact, ingestion and inhalation.
Skin	Contact with skin is not expected to cause prolonged or significant irritation. This product is not expected to be harmful to internal organs if absorbed through the skin.

Eye May cause slight irritation and redness.

Ingestion Ingestion may cause irritation of the digestive tract. Aspiration into lungs can cause pneumonitis, which can be fatal.

Inhalation Vapor inhalation under ambient conditions is not normally a problem. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended oil mist exposure limit.

Acute Toxicity / LD_{50} and LC_{50} of Ingredients

Ingredient	LD_{50}	LC_{50}
White mineral oil	Oral/Rat >5000 mg/kg	Oral/Rat >5000 mg/kg

Chronic Toxicity / Carcinogenicity

Ingredient	CAS #	NTP Known Carcinogen	NTP Anticipated Carcinogen	IARC Group
White mineral oil	8042-47-5	No	No	No

Section 12. Ecological Information

Ecotoxicity N/A

Mobility N/A

Bioaccumulative Potential N/A

Persistence and Degradability N/A

Section 13. Disposal Considerations

Waste Disposal Consult national or regional authorities for proper disposal and reporting procedures. All disposals must comply with national and regional regulations.

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.

U.S. D.O.T.

Proper Shipping Name: Not regulated
UN Number: None
Hazard Class: None
Packing Group: None
Remarks None

Land Transport ADR/RID

Proper Shipping Name Not regulated
UN Number None
Hazard Class None
Packing Group None

Maritime Transport IMDG

Proper Shipping Name Not regulated
IM Number None
IMDG Code None
Packing Group None

Air Transport IATA

Proper Shipping Name Not regulated
UN Number None
Hazard Class None
Packing Group None
Remarks None

Section 15. Regulatory Information

U.S. Federal Regulations

CERCLA Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4 :
None

SARA (Section 313)	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: None
SARA Extremely Hazardous List	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None
TSCA Inventory	All components of this material are on the U.S. TSCA Inventory.

State Regulations

California Prop. 65	This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm: None

European Community Regulations

The content and format of this Material Safety Data Sheet are in accordance with Commission Directive 2001/58/EC, amending for the second time Commission Directive 91/155/EEC.

European Community Label Requirements

Danger Symbol(s)	None
S-Phrase(s)	Not classified according to EU Directive 99/45/EC
R-Phrase(s)	R44: Risk of explosion if heated under confinement

Canada	This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations (CPR)* and the MSDS contains all of the information required by the *CPR*.

Section 16. Other Information

Component R-Phrase(s)	None
HMIS® Ratings	Health: **1** Fire: **1** Physical Hazard: **0** HMIS® Ratings: 0 = Minimal Hazard; 1 = Slight Hazard; 2 = Moderate Hazard; 3 = Serious Hazard; 4 = Severe Hazard
Abbreviations that May Be Used in this Document	N/A = Not available N/E = Not established
Sections Revised	Section XV
Revision Date	4/30/2008

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*** END OF MSDS ***