SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: Motive-Power Crystal Synthetic Penetrating Oil (Aerosol) **Product Use**: Lubricant
Item Number: 801151
Manufacturer:

Kimball Midwest
4800 Roberts Road
Columbus, OH 43228
Corporate Telephone: 800.233.1294
Emergency Telephone: Chemtrec 1.800.424.9300

SDS Date of Preparation: 06/02/2025

SECTION 2: HAZARDS IDENTIFICATION

GHS / HAZCOM 2024/WHMIS 2022 Classification:

Health	Physical
Eye Irritant Category 2A Skin Irritant Category 2 Specific Target Organ Toxicity – Single Exposure Category 3 Aspiration Hazard Category 1	Aerosol Category 1

Label Elements:

Danger!



Extremely Flammable aerosol. Pressurized container; May burst if heated.
Causes serious eye irritation. Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.
Avoid breathing vapors or spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves and eye protection.
IF inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
IF SWALLOWED: Immediately call a POISON CENTER. Do NOT induce vomiting.
IF on skin: wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
IF in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.
Store locked up.
Dispose of contents and container in accordance with local and national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%
Distillates (petroleum) hydrotreated light	64742-47-8	20-<50
Naphtha (petroleum) hydrotreated light	64742-49-0	10-<25
Acetone	67-64-1	10-<20
n-Heptane	142-82-5	5-<10
Carbon Dioxide	124-38-9	1-<5

The exact percentage has been withheld as a trade secret or is a variation in formula.

SECTION 4: FIRST AID MEASURES

Eye: Rinse thoroughly with water for 15 minutes, while holding the eye lids open to be sure the material is washed out. Get medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation persists. Launder clothing before re-use.

Inhalation: Remove victim to fresh air. Get medical attention if symptoms persist.

Ingestion: Ingestion is an unlikely route of exposure for aerosol products. If ingestion of the concentrate occurs, DO NOT induce vomiting. Keep the victim calm and warm. Never give anything by mouth to an unconscious or drowsy person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Get immediate medical attention.

Most important symptoms and effects, acute and delayed: Causes skin irritation. Causes eye irritation. Harmful or fatal if swallowed. Aspiration into the lungs during ingestion or vomiting may cause lung damage. Inhalation may cause drowsiness, dizziness and other nervous system effects.

Indication of immediate medical attention and special treatment, if needed: If swallowed, get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use carbon dioxide, dry chemical or foam. Water may be ineffective but can be used to cool containers and structures.

Specific Hazards Arising from the Chemical: Extremely flammable aerosol. Contents under pressure. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120ºF may cause cans to burst. Never use welding or cutting torch on or near containers (even empty) because product can ignite explosively. Vapors are heavier than air and may travel along surfaces to remote ignition sources and flash back. Combustion products may be hazardous: Oxides of carbon, organic compounds, smoke and fumes.

Special Protective Equipment and Precautions for Fire-fighters: Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Use shielding to protect against bursting containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, Protective equipment, and Emergency procedures: Wear appropriate protective clothing to avoid eye and skin contact. Remove all ignition sources such as open flames, spark producing equipment, pilot lights, etc. Ventilate the area.

Environmental precautions: Avoid release to the environment. Report spills and releases as required to appropriate authorities.

Methods and Materials for Containment and Cleaning up: Place leaking can in an open pail or pan in a well-ventilated area until the pressure has been released. Cover liquid with an inert absorbent material and collect into an appropriate container for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid breathing vapors, aerosols and mists. Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wash exposed skin thoroughly with soap and water after use. Keep product away from heat, sparks, flames and all other sources of ignition. No smoking in storage or use areas. Do not cut, braze, solder, grind or weld on or near containers. Contents under pressure. Do not puncture, crush or incinerate containers, even when empty. Keep out of the reach of children.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight. Store as a Level 3 aerosol.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Distillates (petroleum) hydrotreated light	None Established
Naphtha (petroleum) hydrotreated light	100 ppm TWA OSHA PEL
Acetone	250 ppm TWA ACGIH TLV 500 ppm STEL ACGIH TLV 1000 ppm TWA OSHA PEL
n-Heptane	400 ppm TWA ACGIH TLV 500 ppm STEL ACGIH TLV 500 ppm TWA OSHA PEL
Carbon Dioxide	5000 ppm TWA ACGIH TLV 30000 ppm STEL ACGIH TLV 5000 ppm TWA OSHA PEL

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain concentrations below the occupational exposure limits.

Personal Protective Equipment:

Respiratory Protection: Not required under normal conditions**.** If the exposure levels are exceeded, a NIOSH approved respirator with organic vapor cartridges may be used. For higher exposures, a supplied air respirator may be required. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

Hand protection: Impervious gloves are recommended when needed to avoid skin contact.

Eye Protection: Chemical safety goggles recommended.

Skin Protection: Impervious clothing as required to avoid prolonged skin contact and contamination of personal

clothing.

Hygiene measures: Suitable eye wash and washing facilities should be available in the work area.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid packaged as an aerosol	**Odor:**	Solvent
Color:	Transluscent	**pH:**	Not applicable
Melting/Freezing Point:	Not available	**Boiling Point/Range:**	Not available
Flash Point:	-78.5 ºC (estimated)	**Particle Characteristics:**	Not applicable
Flammability:	Extremely flammable aerosol	**Flammability Limits:**	Not available
Vapor Pressure:	Not available	**Relative Vapor Density:**	Not available
Relative Density:	Not available	**Solubilities:**	Partly soluble in water
Partition Coefficient (N-Octanol/Water):	Not available	**Auto ignition Temperature:**	Not available
Decomposition Temperature:	Not available	**Kinematic Viscosity:**	<20.5 mm2/sec@40ºC

SECTION 10: STABILITY AND REACTIVITY

Reactivity: None known.
Chemical Stability: Stable under normal conditions of storage or use.
Possibility of Hazardous Reactions: None known.
Conditions to avoid: Avoid heat, sparks, flames and all other sources of ignition. Do not puncture or incinerate containers.
Incompatible Materials: Avoid strong oxidizing agents.
Hazardous decomposition products: Combustion will produce oxides of carbon, fumes and smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: Causes serious eye irritation.

Skin: Causes skin irritation. Prolonged or repeated contact may result in defatting and dermatitis.

Inhalation: Inhalation may cause drowsiness, dizziness and other nervous system effects.

Ingestion: Ingestion is an unlikely route of exposure for aerosol products. Swallowing may cause gastrointestinal irritation with abdominal pain, nausea, vomiting and diarrhea. Aspiration into the lungs during ingestion or vomiting may cause lung damage.

Chronic Hazards: None known.

Carcinogen Status: None of the components of this product at greater than 0.1% are listed as carcinogens by OSHA, IARC or NTP.

Acute toxicity: Toxicological testing has not been performed on this product as a mixture.

Distillates (petroleum) hydrotreated light: Oral rat LD50 >5000 mg/kg, Dermal rat LD50 > 2000 mg/kg, Inhalation rat LC50 > 5.28 mg/L/4 hr.
Naphtha(petroleum) hydrotreated light: Oral rat LD50 >5000 mg/kg, Dermal rat LD50 > 2000 mg/kg, Inhalation rat LC50 > 5.6 mg/L/4 hr.
Acetone: Oral rat LD50 5800 mg/kg, Dermal rabbit LD50 7436 mg/kg, Inhalation rat LC50 76 mg/L/4 hr.
n-Heptane: Oral rat LD50 5000 mg/kg, Dermal rabbit LD50 >2000 mg/kg, Inhalation rat LC50 >29.3 mg/L/4 hr.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No toxicity data available for the product.
Distillates (petroleum) hydrotreated light: EC50 daphnia >1000 mg/L/48 h
Naphtha (petroleum) hydrotreated light: LC50 fish 8.41 mg/L/96h; EC50 daphnia4.5 mg/L/48h
n-Heptane: EC50 daphnia 3.9 mg/L/48 h

Persistence and Degradability: Distillates (petroleum) hydrotreated light and naphtha (petroleum) hydrotreated light are inherently biodegradable. n-Heptane and acetone are readily biodegradable.
B**ioaccumulative Potential:** No data available.

Mobility in Soil: No data available

Other Adverse Effects: None known

SECTION 13: DISPOSAL INFORMATION

Disposal instructions: Dispose of product in accordance with all local, state/provincial and federal regulations. Do not puncture or incinerate.

Contaminated packaging: Offer empty packaging material to local recycling facilities.

SECTION 14: TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT / 49 CFR Ground		Limited Quantity			
DOT Air	UN1950	Aerosols, Flammable, Limited Quantity	2.1	None	None
IMDG	UN1950	Aerosols, Limited Quantity	2.1	None	None
IATA	UN1950	Aerosols, Flammable, Limited Quantity	2.1	None	None

Transport in bulk according to IMO Instruments: Not applicable – product is transported only in packaged form.

Special precautions: None known.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA 103 Reportable Quantity: Acetone has a reportable quantity of 5000 lbs. Many states have more

stringent release reporting requirements. Report spills required under federal, state and local regulations.

STATE REPORTING REGULATIONS:

California Proposition 65:

WARNING: This product can expose you to chemicals including benzene, which is known to the State of California to cause cancer and n-hexane, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

SARA TITLE III:

Hazard Category for Section 311/312: Refer to Section 2 for the OSHA Hazard Classification

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory.

Canadian DSL: All of the components of this product are listed on the Canadian DSL.

SECTION 16: OTHER INFORMATION

HMIS Ratings:	Health – 2	Flammability - 4	Physical Hazard - 0
NFPA Ratings:	Health - 2	Flammability - 3	Instability - 0

SDS Revision Comment: Revision to comply with Hazcom 2024 and WHMIS 2022. Changes to formulation and all sections.

Date of Preparation: June 2, 2025

Date of Previous Revision: September 3, 2024

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