



Safety Data Sheet

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: MAG 1 HYD JACK 6/1QT #925 1461
Product Code: MG52HJPL
Emergency Phone: (800) 424-9300 (202) 483-7616 (CHEMTREC)
Poison Control (800) 222-1222
Center:
Company: Warren Distribution, Inc.
727 S. 13th St.
Omaha, NE 68102
Information Phone: (800) 825-1235 (402) 341-9397
Revision Number: 5

II. HAZARDS IDENTIFICATION

Routes of Entry: Eye contact, Ingestion, Inhalation, Skin contact
Chemical Interactions: No chemical interaction known to affect toxicity.
Conditions Skin disease including eczema and sensitization, Respiratory disease including asthma
Aggravated by and bronchitis, Lung disease, Eye disease
Exposure:

Acute Health Effects:

Inhalation Irritation: Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

Skin Contact: Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Skin Absorption: Minimal hazard in normal industrial use. May cause gastrointestinal discomfort.

Eye Contact: Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Ingestion Irritation: Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.

Chronic Health Effects:

Carcinogenicity: Not a carcinogen according to NTP, IARC, or OSHA.

Reproductive No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Toxicity:

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

HMIS Ratings:

Health: 2
Fire: 1
Reactivity: 0
PPE: B

NFPA Ratings:

Health: 2
Fire: 1
Reactivity: 0

KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme



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III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #	OSHA Exposure Limits
Lubricating oils, petroleum, hydrotreated spent	60 - 90	64742-58-1	No PEL
Petroleum distillates, hydrotreated heavy naphthenic	10 - 30	64742-52-5	No PEL
Residual oils, (petroleum), hydrotreated	3 - 7	64742-57-0	No PEL
Phosphorous acid, triphenyl ester	0.1 - 1	101-02-0	No PEL
Petroleum distillates, hydrotreated middle	0.1 - 1	64742-46-7	No PEL

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

IV. FIRST-AID MEASURES

Inhalation:	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.
Eyes:	Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
Skin Contact:	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion:	Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this MSDS. Contains a toxic substance. Seek medical help immediately and contact a poison information service. Drink two glasses of water or milk to dilute.
Notes to Doctor:	No additional first aid information available.

V. FIRE FIGHTING MEASURES

Flammability	Combustible at elevated temperatures
Summary:	
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.
Fire and/or Explosion Hazards:	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
Fire Fighting Methods and Protection:	Do not enter fire area without proper protection including self- contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.
Hazardous Combustion Products:	Carbon dioxide, Carbon monoxide, Phosgene, Toxic fumes., Toxic gases
Flash Point:	207 °C (405 °F)
Autoignition Temperature:	No data.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment:	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.
Methods for Clean-up:	No special spill clean up considerations. Collect and discard in regular trash. Do not flush to sewer.



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VII. HANDLING AND STORAGE

Handling Precautions: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Empty containers may retain product residues/ vapors. Use proper bonding and grounding during bulk product transfer.

Storage Conditions: Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Do not expose to extreme temperatures or flames.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. Facilities storing or using this material should be equipped with an eyewash and safety shower. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Wear a NIOSH approved respirator if any exposure is possible.

Respirator Type(s): None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye Protection: Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. Wear goggles and a Face shield.

Skin Protection: Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

Gloves: Nitrile

Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	IDLH	OSHA STEL
Lubricating oils, petroleum, hydrotreated spent	No TLV	No STL	No IDLH	No STEL
Petroleum distillates, hydrotreated heavy naphthenic	No TLV	No STL	No IDLH	No STEL
Residual oils, (petroleum), hydrotreated	No TLV	No STL	No IDLH	No STEL
Phosphorous acid, triphenyl ester	No TLV	No STL	No IDLH	No STEL
Petroleum distillates, hydrotreated middle	No TLV	No STL	No IDLH	No STEL



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IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Amber
Odor:	Mild
Viscosity:	5.35 cSt @100°C
Solubility in Water:	Insoluble
Evaporation Rate:	No data.
Vapor Pressure:	No data.
Boiling Point (°C):	No data.
Specific Gravity:	0.87
Density:	7.26
Flash Point (°C):	207
Flash Point Method:	COC
Upper Flammability Limit, % in air:	Unknown
Lower Flammability Limit, % in air:	Unknown

X. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination. Contact with water (reacts with water).
Materials to Avoid:	Strong oxidizing agents, Moisture
Hazardous Decomp. Products:	Carbon dioxide, Carbon monoxide, Phosgene, Toxic fumes., Toxic gases

XI. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Ingestion:	Toxic if swallowed. May cause target organ failure and/or death.
Inhalation:	Likely to be toxic based on animal data.
Absorption:	Minimal hazard in normal industrial use. May cause gastrointestinal discomfort.
Eyes (Draize score):	This material is likely to be non-irritating to eyes based on animal data.
Skin (Draize score):	Likely to be non-irritating to skin based on animal data.

Component Toxicology Data (NIOSH):

Chemical Name	CAS #	LD ₅₀ /LC ₅₀
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	Oral LD50 Rat >2000 mg/kg; Dermal LD50 Rat >2000 mg/kg; Dermal LD50 Rabbit >4480 mg/kg
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	Inhalation LC50 Rat >5 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >5000 mg/kg
Phosphorous acid, triphenyl ester	101-02-0	Inhalation LC50 Rat >6.7 mg/L 1 h; Oral LD50 Rat 444 mg/kg; Dermal LD50 Rat 1180 mg/kg; Dermal LD50 Rabbit >2000 mg/kg
Petroleum distillates, hydrotreated middle	64742-46-7	Inhalation LC50 Rat 4.6 mg/L 4 h; Oral LD50 Rat 7400 mg/kg; Dermal LD50 Rabbit >2000 mg/kg



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XII. ECOLOGICAL INFORMATION

Overview:	This material is not expected to be harmful to the ecology.
Persistence:	No data.
Bioconcentration:	Bioconcentration is not expected to occur.
Degradability:	No data.

Toxicity to Aquatic Invertebrates:	CAS #	Results
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	48 Hr EC50 Daphnia magna: >1000 mg/L
Toluene	108-88-3	48 Hr EC50 Daphnia magna: 5.46 - 9.83 mg/L [Static]; 48 Hr EC50 Daphnia magna: 11.5 mg/L
Ethyl acrylate	140-88-5	48 Hr EC50 Daphnia magna: 7.9 mg/L
Lead	7439-92-1	48 Hr EC50 water flea: 600 µg/L
Benzene	71-43-2	48 Hr EC50 Daphnia magna: 8.76 - 15.6 mg/L [Static]; 48 Hr EC50 Daphnia magna: 10 mg/L
Cadmium	7440-43-9	48 Hr EC50 Daphnia magna: 0.0244 mg/L [Static]
Toluene	108-88-3	96 Hr EC50 Pseudokirchneriella subcapitata: >433 mg/L; 72 Hr EC50 Pseudokirchneriella subcapitata: 12.5 mg/L [static]
Ethyl acrylate	140-88-5	72 Hr EC50 Desmodesmus subspicatus: 48 mg/L
Benzene	71-43-2	72 Hr EC50 Pseudokirchneriella subcapitata: 29 mg/L

Toxicity to Fish:	CAS #	Results
Lubricating oils, petroleum, hydrotreated spent	64742-58-1	96 Hr LC50 Brachydanio rerio: 79.6 mg/L [semi-static]; 96 Hr LC50 Pimephales promelas: 3.2 mg/L [semi-static]
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	96 Hr LC50 Oncorhynchus mykiss: >5000 mg/L
Petroleum distillates, hydrotreated middle	64742-46-7	96 Hr LC50 Pimephales promelas: 35 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: >10000 mg/L [static]

XIII. DISPOSAL CONSIDERATIONS

Disposal of Packaging:	Recycle containers whenever possible.
Disposal Methods:	Dispose of in a landfill. Disposal is not likely to be regulated.

XIV. TRANSPORTATION INFORMATION

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

XV. REGULATORY INFORMATION

TSCA Status:	All components of this material are on the US TSCA Inventory or are exempt.
NAFTA Tariff Code:	2710.19.0000
State Restrictions:	None Listed.
WHMIS:	Uncontrolled product according to WHMIS classification criteria

Chemical Name	Regulation	CAS #	% Range
None Listed.	CERCLA RQ		
Zinc	SARA 313	7440-66-6	0.01 - 0.1
Phenol	SARA 313	108-95-2	0.001-0.01
Toluene	SARA 313	108-88-3	0.001-0.01



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Ethyl acrylate	SARA 313	140-88-5	0.001-0.01
Arsenic	SARA 313	7440-38-2	<10ppm
Lead	SARA 313	7439-92-1	<10ppm
Benzene	SARA 313	71-43-2	<10ppm
Cadmium	SARA 313	7440-43-9	<10ppm
None Listed.	SARA 302-EHS		
None Listed.	TSCA 12b export notification		
Ethyl acrylate	CA Prop 65 – Cancer	140-88-5	0.001-0.01
Lead	CA Prop 65 – Cancer	7439-92-1	<10ppm
Benzene	CA Prop 65 – Cancer	71-43-2	<10ppm
Cadmium	CA Prop 65 – Cancer	7440-43-9	<10ppm
Toluene	CA Prop 65 - Dev. Toxicity	108-88-3	0.001-0.01
Lead	CA Prop 65 - Dev. Toxicity	7439-92-1	<10ppm
Benzene	CA Prop 65 - Dev. Toxicity	71-43-2	<10ppm
Cadmium	CA Prop 65 - Dev. Toxicity	7440-43-9	<10ppm
Toluene	CA Prop 65 - Reprod –fem	108-88-3	0.001-0.01
Lead	CA Prop 65 - Reprod –fem	7439-92-1	<10ppm
Lead	CA Prop 65 - Reprod –male	7439-92-1	<10ppm
Benzene	CA Prop 65 - Reprod –male	71-43-2	<10ppm
Cadmium	CA Prop 65 - Reprod –male	7440-43-9	<10ppm
Hydrotreated middle distillate (petroleum)	Canadian WHMIS List	64742-46-7	0.1 - 1
None Listed.	Massachusetts RTK List		
None Listed.	New Jersey RTK List		
None Listed.	Pennsylvania RTK List		
None Listed.	Minnesota Hazardous Substance List		

Consumer Product Safety Improvement Act of 2008 General Conformity Certification:

This product has been evaluated and certified to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product container.

XVI. ADDITIONAL INFORMATION

Supersedes:	2012-11-08 17:15:11
Revision Date:	2013-01-25 14:10:22
Created by:	HAZEMS
Disclaimer:	This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.