

Jig-A-Loo Inc.  
Boite Postale, PO Box 3100  
Lac-Brome, Québec, J0E 1V0  
Canada  
1-855-JIG-ALOO (544-2566)

**PRODUCT: Jig-A-Loo Invisible Lubricant - 155 g**

**CODE: AD-JIG0701**

### SECTION 01: IDENTIFICATION

Product Item Numbers..... AD-JIG0701  
Product Identity..... Jig-A-Loo Invisible Lubricant - 155 g  
Manufacturer..... Empack Spraytech Inc.  
98 Walker Drive  
Brampton  
Ontario  
Canada  
L6T 4H6  
905-792-6571  
24 hour emergency telephone number..... CANUTEC: 1-613-996-6666.  
Recommended Use..... Lubricant.

### SECTION 02: HAZARD IDENTIFICATION



Label Elements:  
Signal Word..... DANGER.  
Hazard Classification:  
Physical Hazards..... Flammable Aerosols - Category 1. Gases Under Pressure - Liquefied Gas.  
Health Hazards..... Skin Irritation - Category 2. Eye Irritation - Category 2A. Specific Target Organ Toxicity, Single Exposure - Category 3.  
Hazard Statement..... H222:Extremely flammable aerosol (1). H229:Pressurized container: may burst if heated (1). H280:Contains gas under pressure; may explode if heated (L). H315:Causes skin irritation. H319:Causes serious eye irritation. H336:May cause drowsiness or dizziness.  
Precautionary Statements:  
Prevention..... P210:Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211:Do not spray on an open flame or other ignition source. P251:Do not pierce or burn, even after use. P264:Wash hand thoroughly after handling. P280:Wear eye protection/face protection. P261:Avoid breathing dust/fume/gas/mist/vapours/spray. P271:Use only outdoors or in a well-ventilated area.  
Response..... P302+P352:IF ON SKIN: Wash with plenty of water. P332+P313:If skin irritation occurs: Get medical help. P362+P364:Take off contaminated clothing and wash it before reuse. P321:For specific treatment see section 4 on this SDS. P305+P351+P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313:If eye irritation persists: Get medical advice/attention. P304+P340:IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312:Call a POISON CENTER if you feel unwell.  
Storage..... P410+P412:Protect from sunlight. Do not expose to temperatures exceeding 50°C /122°F. P403+P233:Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.  
Disposal..... P501:Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

### SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Heptane (including isomers)	64742-49-0	45-70
Acetone	67-64-1	7-13
Isobutane	75-28-5	7-13
Propane	74-98-6	7-13
Fragrance	Mix	<0.1

**PRODUCT: Jig-A-Loo Invisible Lubricant - 155 g****CODE: AD-JIG0701****SECTION 04: FIRST-AID MEASURES**

Eye Contact.....	Check for and remove contact lenses. Immediately flush eyes with water for a minimum of 15 minutes keeping eyelids open. Consult a doctor if any irritation occurs.
Skin Contact.....	Remove contaminated clothing. Wash thoroughly with soap and lukewarm water. If irritation or redness develops, seek medical attention.
Ingestion.....	Do not induce vomiting. If swallowed, get medical attention immediately.
Inhalation.....	Move victim to fresh air. If breathing has stopped, give artificial respiration. If heartbeat absent, give external cardiac compression. Monitor breathing and pulse. If symptoms persist, call a physician.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. In case of shortness of breath give oxygen. Keep victim warm and under observation. Symptoms may be delayed.

**SECTION 05: FIRE-FIGHTING MEASURES**

Extinguishing Media.....	Use media suitable to the surrounding fire such as foam, dry chemical or water fog.
Unsuitable Extinguishing Media.....	Do not use water jet as an extinguisher, as this will spread the fire.
Specific Hazards Arising from the Chemical	In case of fire, the following can be released: Carbon Oxides (CO, CO2), Other unidentified Organic Compounds.
Special Protective Equipment and Precautions for Firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with water to prevent vapor pressure build up. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Remove undamaged containers from immediate hazard area if it is safe to do.
General Fire Hazards.....	Extremely flammable.

**SECTION 06: 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. Avoid walking through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 08).
Emergency Procedures.....	Spilled product is flammable. Ensure that all sources of ignition are eliminated near the spilled material. Wipe up with a damp cloth. Rinse the cloth thoroughly and allow to dry before laundering.
Environmental Precautions.....	Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
Methods and Materials for Containment and Cleaning Up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13).

**SECTION 07: HANDLING AND STORAGE**

Precautions for Safe Handling.....	Do not breathe vapour or mist. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. Keep away from heat, sparks, and open flames. Do not puncture, burn or incinerate. Do not place near sources of heat. Keep from freezing.
Conditions for Safe Storage including any Incompatibilities	Contents under pressure. The pressure in sealed containers can increase under the influence of heat. Keep container tightly closed in a dry, cool and well-ventilated place. Do not store in temperatures above 120°F (50°C). Store away from incompatible materials. Do not puncture or incinerate. Keep out of reach of children.
Incompatibilities .....	Segregate storage away from materials indicated in Section 10.

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Heptane (including isomers)	1,600 mg/m <sup>3</sup> (RCP-TWA)	Not available	Not available	Not available	Not available
Acetone	250 ppm	500 ppm	1,000 ppm (2,400 mg/m <sup>3</sup> )	Not available	Not available
Isobutane	Not available	1,000 ppm	Not available	Not available	Not available
Propane	Not available	Not available	1,000 ppm	Not available	Not available
Fragrance	Not available	Not available	Not available	Not available	Not available

Eye/Face Protection  
 Skin Protection..... Chemical resistant gloves are recommended. Avoid contact with the skin. Wear appropriate chemical resistant clothing.

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**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory Protection..... Avoid breathing dust/fume/gas/mist/vapors/spray. If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplier.  
 Appropriate Engineering Controls..... Good general ventilation should be used. Ventilation rates should be matched to conditions. Use local exhaust ventilation to maintain airborne levels below the Threshold Limit Value.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State..... Aerosol.  
 Physical Appearance..... Clear mist.  
 Odour..... Fragrance.  
 Odour Threshold (ppm)..... Not available.  
 pH..... Not applicable.  
 Aerosol Vapour Pressure (psig, 21°C)..... Not available.  
 Vapour Density (Air=1)..... Not available.  
 Evaporation Rate (n-Butyl Acetate = 1)..... >1.  
 Boiling Point liquid (°C)..... 94-98. (Heptanes).  
 Specific Gravity (Aerosol)..... Not available.  
 Solubility in water..... Nil.  
 Aerosol Flame Projection..... Not available.  
 Auto Ignition Temperature (Propellant), °C 460°C (860°F). (Isobutane).  
 Lower Flammable Limit (% Vol)..... 1.8. (Isobutane).  
 Upper Flammable Limit (% Vol)..... 8.4. (Isobutane).  
 Viscosity..... N/A.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity..... Product not reactive under normal conditions of use.  
 Chemical Stability..... Stable under the recommended storage and handling conditions.  
 Possibility of Hazardous Reactions..... Will not occur.  
 Conditions to Avoid..... Avoid sources of heat and flame, and electrostatic charge.  
 Incompatible Materials..... Strong oxidizing agents.  
 Hazardous Decomposition Products..... May form carbon dioxide and carbon monoxide, various hydrocarbons.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Heptane (including isomers)	>23.3 mg/L (Rat - 4 hrs)	>5,840 mg/kg (Oral - Rat); >2,920 mg/kg (Dermal - Rat)
Acetone	71 mg/L (Rat - 4 hrs)	5,800 mg/kg (Oral - Rat); >15,800 mg/kg (Dermal - Rabbit)
Isobutane	658 mg/L (Rat - 4 hrs)	Not available
Propane	658 mg/L (Rat - 4 hrs)	Not available
Fragrance	No data available	No data available
Information on Likely Routes of Exposure:		
Routes of entry - Inhalation.....	Yes.	
Routes of entry - Skin & Eye.....	Yes.	
Routes of entry - Ingestion.....	Yes.	
Routes of entry - Skin Absorption.....	No.	
Symptoms Related to the Physical, .....	Irritant effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Defatting of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.	
Chemical and Toxicological Characteristics		
Skin Corrosion/Irritation.....	Causes skin irritation.	
Serious Eye Damage/Eye Irritation.....	Causes serious eye irritation.	
Respiratory or Skin Sensitization.....	Inhalation may cause respiratory tract irritation.	
Germ Cell Mutagenicity.....	No information is available, and no adverse effects are expected.	
Carcinogenicity.....	Not classified as carcinogenic by ACGIH, IARC, OSHA or NTP.	
Acute Toxicity.....	Harmful or fatal if swallowed.	
Reproductive Toxicity.....	This product is not expected to cause reproductive or developmental effects.	
STOT - Single Exposure.....	Specific target organ toxicity single exposure Category 3. May cause drowsiness and dizziness. Specific target organ toxicity single exposure Category 3. May cause respiratory irritation.	
STOT - Repeated Exposure.....	Based on available data, the classification criteria are not met.	
Aspiration Hazard.....	Not classified.	
Chronic Effects.....	No information is available, and no adverse effects are expected.	

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**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity..... May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment.  
 Persistence and degradability ..... The product itself has not been tested.  
 Bioaccumulation Potential..... The product itself has not been tested.  
 Mobility in Soil..... The product itself has not been tested.  
 Other Adverse Effects..... None Known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Appropriate Disposal Methods..... Dispose in accordance with local, provincial and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

TDG (Canada- Road)..... UN1950, AEROSOLS, Class 2.1, Ltd. Qty.  
 DOT (US-Road)..... UN1950, AEROSOLS, Class 2.1, Ltd. Qty., Consumer Commodity ORM-D.  
 IMDG (International- Marine)..... UN1950, AEROSOLS, Class 2.1, Ltd. Qty.  
 IATA (International- Air)..... UN1950, AEROSOLS, Class 2.1, Ltd. Qty.

**SECTION 15: REGULATORY INFORMATION**

Canada Regulations:..... Refer to Section 2 for a WHMIS 2015 Classification for this product.  
 Domestic Substances List (DSL)..... All components are listed or exempted.  
 US Regulations  
 TSCA Inventory Status..... All components are either listed or exempt from the TSCA.

**SECTION 16: OTHER INFORMATION**

Disclaimer..... The information contained herein is based on data considered accurate. No guarantee or warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. The SDS provider assumes no responsibility for personal injury or property damage to vendors or users or third parties, caused by the material. Such vendors or users assume all risks with the use of the material. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.  
 Abbreviations..... ACGIH: American Conference of Governmental Industrial Hygienists; CAS: Chemical Abstract Service; NIOSH: National Institute for Occupational Safety and Health, OSHA: Occupational Safety and Health Administration- USA; TSCA: Toxic Substances Control Act 1976-USA; PEL: Permissible Exposure Limit; REL: Recommended Exposure Limit; TLV: Threshold Limit Value; VOC: Volatile Organic Content; WHMIS: Workplace Hazardous Materials Information System STOT: Specific Target Organ Toxicity.  
 Prepared by ..... Regulatory Affairs  
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