

safety, people focused  
quality



2021  
**FEBRUARY**  
REWARDS

this month's  
**sweet**  
deals

A case (4-gal)  
of JAX-2755-LT-15  
Premium Synthetic Low  
Temp Ammonia Liquid  
Transfer Pump  
Lubricant  
**\$130\*!**

**BONUS SPECIAL**  
**10% OFF SERVICE**  
**VIBRATION AND OIL ANALYSIS**

\*PRICING IS VALID FEBRUARY 1, 2021  
THROUGH MARCH 31, 2021.  
PRICING DOES NOT INCLUDE FREIGHT,  
APPLICABLE TAXES.

*check back each month for our specials!*



**Fridgie's  
savings  
zone**

For all of your **Parts & Service**  
needs please contact our Team at  
[Parts@jaxrefrigeration.com](mailto:Parts@jaxrefrigeration.com)

Parts: 904-574-0616 · Service: 904-238-7965

# JAX-2755-LT-15

Premium Synthetic Low Temp Ammonia Liquid Transfer Pump Lubricant

## Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03.

### 1. Identification

#### Product identifier

Trade name JAX-2755-LT-15

Product description Premium Synthetic Low Temp Ammonia Liquid Transfer Pump Lubricant

#### Details of the supplier of the safety data sheet

Manufacturer/supplier JAX Refrigeration  
901 7th Avenue South - Jacksonville Beach, FL 32250  
904-249-1400

Emergency telephone number 904-249-1400

### 2. Hazard(s) Identification

Classification of the substance or mixture



GHS08

#### Label elements

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms



GHS08

Signal word

Danger

Hazard statements

May be fatal if swallowed and enters airways

# JAX-2755-LT-15 - Premium Synthetic Low Temp Ammonia Liquid Transfer Pump Lubricant

## 2. Hazard(s) Identification (continued)

### Precautionary statements

Wear protective gloves.  
Wear eye protection / face protection.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.  
Continue rinsing.  
If swallowed: Call a poison center/doctor if you feel unwell.  
Specific treatment (see on this label).  
If skin irritation occurs: Get medical advice/attention.  
If eye irritation persists: Get medical advice/attention.  
Rinse mouth.  
If on skin: Wash with plenty of water.  
Take off contaminated clothing and wash it before reuse.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

### Classification system

#### NFPA ratings (scale 0-4)



Health=1; Fire=1; Reactivity=0

|            |   |
|------------|---|
| HEALTH     | 1 |
| FIRE       | 1 |
| REACTIVITY | 0 |

Health=1; Fire=1; Reactivity=0

## 3. Composition / Information on Ingredients

### Chemical characterization:

Mixtures

### Dangerous Components

Hydrocarbon, <22 cSt

72623-86-0



Asp Hazard 1-H304

## 4. First-aid Measures

### Description of first aid measures

#### General information

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

#### After inhalation

In case of unconsciousness, place patient securely on side position for transportation.

#### After skin contact

Immediately wash with water and soap and rinse thoroughly. If irritation occurs consult a doctor.

#### After eye contact

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

# JAX-2755-LT-15 - Premium Synthetic Low Temp Ammonia Liquid Transfer Pump Lubricant

## 4. First-aid Measures (continued)

|  |  |
|--|--|
| After swallowing   | Immediately call a doctor.                 |
| Most important symptoms and effects, both acute and delayed                | No further relevant information available. |
| Indication of any immediate medical attention and special treatment needed | No further relevant information available. |

## 5. Fire-fighting Measures

### Extinguishing media

Suitable extinguishing agents CO<sub>2</sub> or Powder. Water mist to cool, no direct water spray. Collect spillage.

Special hazards arising from the substance or mixture No further relevant information available.

### Advice for firefighters

Protective equipment As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

## 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Not required

Environmental precautions

Do not allow to enter sewers/ surface or ground water

Methods and material for containment and cleaning up

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation. Dispose of the collected material according to regulations.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7. Handling and Storage

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

Information about protection against explosions and fires

No special measures required

### Conditions for safe storage, including any incompatibilities

#### Storage

Requirements to be met by storerooms and receptacles:

No special requirements

Further information about storage conditions

Keep receptacle tightly sealed

Specific end use(s)

No further relevant information available

## 8. Exposure Controls / Personal Protection

Additional information about design of technical systems No further data; see section 7

### Control parameters

Components with occupational exposure limits The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information The lists that were valid during the creation were used as basis.

### Exposure controls

#### Personal protective equipment

General protective and hygienic measures Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Breathing equipment Not required

Protection of hands



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Select glove material based on penetration times, rates of diffusion and degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

Eye protection

Tightly sealed goggles

# JAX-2755-LT-15 - Premium Synthetic Low Temp Ammonia Liquid Transfer Pump Lubricant

## 9. Physical and Chemical Properties

Information on basic physical and chemical properties

### General Information

#### Appearance

|                |                |
|----------------|----------------|
| Form           | Liquid         |
| Color          | See product    |
| Odor           | Mild           |
| Odor Threshold | Not determined |
| pH-value       | Not determined |

#### Change in condition

|                              |                 |
|------------------------------|-----------------|
| Melting point/Melting range  | Not applicable  |
| Boiling point/Boiling range  | >570°F (>298°C) |
| Flash Point                  | >350°F (>176°C) |
| Flammability (solid/gaseous) | Not applicable  |

#### Ignition temperature

|                           |                |
|---------------------------|----------------|
| Decomposition temperature | Not determined |
| Auto-igniting             | Not determined |
| Danger of explosion       | Not determined |

#### Explosion limits

|   |                |
|---|----------------|
| Lower                                   | Not determined |
| Upper                                   | Not determined |
| Vapor Pressure @ 20 DEG C               | Not determined |
| Density @ 20 DEG C                      | 0.84-0.87      |
| Relative Density                        | Not determined |
| Vapor Density                           | Not determined |
| Evaporation Rate                        | Not determined |
| Solubility in/Miscibility with Water    | Not miscible   |
| Partition coefficient (n-octanol/water) | Not determined |

#### Viscosity

|                       |                   |
|-----------------------|-------------------|
| Viscosity - Dynamic   | Varies with grade |
| Viscosity - Kinematic | Varies with grade |

#### Solvent content

|                   |                        |
|-------------------|------------------------|
| Organic solvents  | 0.00%                  |
| Other Information | No further information |

# JAX-2755-LT-15 - Premium Synthetic Low Temp Ammonia Liquid Transfer Pump Lubricant

## 10. Stability and Reactivity

|  |  |
|--|--|
| Reactivity                                       | No further relevant information available            |
| Chemical stability                               | Stable under normal conditions                       |
| Thermal decomposition / conditions to be avoided | No decomposition if used according to specifications |
| Possibility of hazardous reactions               | No dangerous reactions known                         |
| Conditions to avoid                              | No further relevant information available            |
| Incompatible materials                           | No further relevant information available            |
| Hazardous decomposition products                 | No dangerous decomposition products known            |

## 11. Toxicological Information

### Information on toxicological effects

#### Acute toxicity

##### Primary irritant effect:

|                                      |   |
|--------------------------------------|---|
| On the skin                          | Irritant to skin and mucous membranes   |
| On the eye                           | Irritating effect. Causes serious eye irritation  |
| Additional toxicological information | The product shows the following dangers according to internally approved calculation methods for preparations: Harmful. Irritant. |

#### Carcinogenic categories

|   |  |
|---|--|
| IARC (International Agency for Research on Cancer)    | None of the ingredients are listed.<br>Group 1 - Carcinogenic to humans<br>Group 2A - Probably carcinogenic to humans<br>Group 2B - Possibly carcinogenic to humans<br>Group 3 - Not classifiable as to its carcinogenicity to humans<br>Group 4 - Probably not carcinogenic to humans |
| NTP (National Toxicology Program)                     | None of the ingredients are listed   |
| OSHA-Ca (Occupational Safety & Health Administration) | None of the ingredients are listed   |

## 12. Ecological Information

|                                   |  |
|-----------------------------------|--|
| Toxicity                          | No data is available on this product.                                |
| Aquatic toxicity                  | No further relevant information available                            |
| Persistence and degradability     | No further relevant information available                            |
| Bioaccumulative potential         | No further relevant information available                            |
| Mobility in soil                  | No further relevant information available                            |
| Additional ecological information |  |
| General notes                     | Water hazard class 1 (Self-assessment): slightly hazardous for water |

# JAX-2755-LT-15 - Premium Synthetic Low Temp Ammonia Liquid Transfer Pump Lubricant

## 12. Ecological Information (continued)

### Results of PBT and vPvB assessment

|                       |   |
|-----------------------|---|
| PBT                   | Not applicable                            |
| vPvB                  | Not applicable                            |
| Other adverse effects | No further relevant information available |

## 13. Disposal Considerations

### Uncleaned packagings

|                |  |
|----------------|--|
| Recommendation | Disposal must be made according to official regulations. |
|----------------|--|

## 14. Transportation Information

### UN-Number

|                           |                        |
|---------------------------|------------------------|
| DOT, ADR, ADN, IMDG, IATA | Non-regulated material |
|---------------------------|------------------------|

### UN proper shipping name

|                           |                        |
|---------------------------|------------------------|
| DOT, ADR, ADN, IMDG, IATA | Non-regulated material |
|---------------------------|------------------------|

### Transport hazard class(es)

|                           |
|---------------------------|
| DOT, ADR, ADN, IMDG, IATA |
|---------------------------|

|       |                        |
|-------|------------------------|
| Class | Non-regulated material |
|-------|------------------------|

### Packing group

|                      |                        |
|----------------------|------------------------|
| DOT, ADR, IMDG, IATA | Non-regulated material |
|----------------------|------------------------|

### Environmental hazards

|                  |    |
|------------------|----|
| Marine pollutant | No |
|------------------|----|

|                              |                |
|------------------------------|----------------|
| Special precautions for user | Not applicable |
|------------------------------|----------------|

|   |                |
|---|----------------|
| Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable |
|---|----------------|

|                       |   |
|-----------------------|---|
| UN "Model Regulation" | — |
|-----------------------|---|

## 15. Regulatory Information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Sara

|  |                                    |
|--|------------------------------------|
| Section 355 (extremely hazardous substances) | None of the ingredients are listed |
|--|------------------------------------|

|  |                                    |
|--|------------------------------------|
| Section 313 (Specific toxic chemical listings) | None of the ingredients are listed |
|--|------------------------------------|

|                                     |  |
|-------------------------------------|--|
| TSCA (Toxic Substances Control Act) | All components are either listed or not regulated under TSCA |
|-------------------------------------|--|

# JAX-2755-LT-15 - Premium Synthetic Low Temp Ammonia Liquid Transfer Pump Lubricant

## 15. Regulatory Information

### Carcinogenic categories

EPA (Environmental Protection Agency) None of the ingredients are listed

TLV (Threshold Limit Value established by ACGIH) None of the ingredients are listed

NIOSH-Ca (National Institute for Occupational Safety and Health) None of the ingredients are listed

GHS label elements Non-regulated material

Hazard pictograms



GHS08

Signal word

Danger

Hazard-determining components of labeling

Hydrocarbon, <22 cSt

Hazard statements

Harmful if swallowed. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Wear protective gloves.

Wear eye protection / face protection.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If swallowed: Call a poison center/doctor if you feel unwell.

Specific treatment (see on this label).

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Rinse mouth.

If on skin: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

State Right to Know

Hydrocarbon, <22 cSt

72623-86-0



Asp Hazard 1-H304

Chemical safety assessment

A chemical safety assessment has not been carried out

# JAX-2755-LT-15 - Premium Synthetic Low Temp Ammonia Liquid Transfer Pump Lubricant

## 16. Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

|                                     |  |
|-------------------------------------|--|
| Date of preparation / last revision | 02/19/2016 / 1   |
| Abbreviations and acronyms          | <p>ADR: Accord européen sur le transport des marchandises dangereuses par Route<br/>(European Agreement concerning the International<br/>Carriage of Dangerous Goods by Road)</p> <p>ADN: The European Agreement concerning the International Carriage of Dangerous<br/>Goods by Inland Waterways</p> <p>IMDG: International Maritime Code for Dangerous Goods</p> <p>DOT: US Department of Transportation</p> <p>IATA: International Air Transport Association</p> <p>ACGIH: American Conference of Governmental Industrial Hygienists</p> <p>EINECS: European Inventory of Existing Commercial Chemical Substances</p> <p>ELINCS: European List of Notified Chemical Substances</p> <p>CAS: Chemical Abstracts Service (division of the American Chemical Society)</p> <p>NFPA: National Fire Protection Association (USA)</p> <p>HMIS: Hazardous Materials Identification System (USA)</p> <p>LC50: Lethal concentration, 50 percent</p> <p>LD50: Lethal dose, 50 percent</p> <p>Acute Tox. 4: Acute toxicity, Hazard Category 4</p> <p>Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2</p> <p>Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A</p> |



901 7th Avenue South, Jacksonville Beach, FL 32250 - P: 904-249-1400 - F: 904-249-2900 - [www.jaxrefrigeration.com](http://www.jaxrefrigeration.com)

## JAX-2755-LT-15

### Premium Synthetic Low Temp Ammonia Liquid Transfer Pump Lubricant

JAX-2755-LT-15 is formulated specifically for ammonia liquid transfer pumps. JAX-2755-LT-15 is for use in extremely low-temperature applications. JAX-2755-LT-15 has superior rust and corrosion additives to protect system parts.

#### ATTRIBUTES

- Maintains fluidity in low temperatures to protect seals
- High viscosity index for superior pumpability at lower temperatures and better protection at high temperatures
- Thermal and oxidative stability promote longer fluid life and extended oil-drain intervals
- Protects against rust, corrosion, carbon and varnish
- Excellent film strength and anti-wear properties for better protection of compressor parts
- High flash and auto-ignition points for added safety

#### TYPICAL LUBRICANT PROPERTIES

| <b>JAX-2755-LT-15 Grades</b> | <b>15</b> |
|------------------------------|-----------|
| Viscosity Index              | 119       |
| Viscosity cSt @ 40°C         | 14.2      |
| Viscosity cSt @ 100°C        | 3.5       |
| Flash Point °F (°C)          | 350 (176) |
| Pour Point °F (°C)           | -70 (-57) |
| Copper Corrosion, 24 Hr      | 1a        |
| Demulsibility, 130°F, 30 Min | 40/40/0   |
| Color                        | <.5       |