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**SECTION 1. IDENTIFICATION**

Product Name 1 FR

**Manufacturer Details**

Supplier Company Name	FirstPower Group LLC
Address	8941 Dutton Drive Twinsburg, OH 44087
Telephone	(330) 963-2050

**Recommended use of the chemical and restrictions on use**

Recommended use	Industrial Lubricant
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**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Not a hazardous substance or mixture

**GHS Label Element**

Not a hazardous substance or mixture

**Hazard Statement**

CAUTION

**Precautionary Statement**

P261 + P262

**Other hazards**

None known

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**SECTION 3. COMPOSITION OF/INFORMATION ON INGREDIENTS**

Substance / Mixture	Mixture
Substance Name	
<u>CAS Number</u>	<u>Component Name</u> <u>Concentration</u>
64742-47-8	Distillates, petroleum, hydrotreated light >50%
112-30-1	Capric Alcohol <20%
20441-64-9	Didecyl Oxalate >10%
85-05-4	Pyromellitic Acid <5%
104-15-4	Tosylic Acid <1%

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**Hazardous ingredients**

Oxalic Acid

**SECTION 4. FIRST AID MEASURES**

If inhaled	Remove to fresh air. Seek medical attention if symptoms occur.
In case of skin contact	Wash with warm water and soap as a precaution. Seek medical attention if symptoms occur.
In case of eye contact	Flush eyes with water as a precaution. Seek medical attention if irritation develops and persists.
If swallowed	DO NOT induce vomiting. Seek medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	Mild skin irritation/rash; nausea
Protection for first-aid providers	No special precautions are necessary.
Notes to physician	Treat symptomatically and supportively.

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**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	Water spray Alcohol-resistant foam Dry chemical Carbon dioxide (CO <sub>2</sub> )
Unsuitable extinguishing media	None known
Specific hazards during firefighting	Very toxic vapors may evolve; exposure to combustion products may be hazardous to health.
Hazardous combustion products	Carbon oxides, formaldehyde
Specific extinguishing methods	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate the area.
Special protective equipment for	Wear self-contained breathing apparatus for

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fire-fighters	firefighting if necessary. Use personal protective equipment.
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## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Follow safe handling advice and personal protective equipment recommendations.
Environmental precautions	Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g., by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleanup	Soak up with inert, absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to the release and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding local or national requirements.

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## SECTION 7. HANDLING AND STORAGE

Technical measures	See <i>engineering measures</i> under section 8 of this SDS.
Local/Total ventilation	Use only with adequate ventilation.
Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	Keep in properly labeled containers. Store

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	in accordance with national regulations.
Materials to avoid	Do not store with the following product types: strong oxidizing agents.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures	Processing may form hazardous compounds (see SECTION 10). Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.
Personal protective equipment	
Respiratory protection	No personal respiratory protective equipment normally required.
Hand protection	Wash hands during breaks and at the end of the day.
Eye protection	Wear safety glasses or face shield.
Skin and body protection	Skin should be washed after contact.
Hygiene measures	Ensure that eye flushing systems and safety showers are located close to the work place. When using, do not eat, drink or smoke. Wash contaminated clothing prior to re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Color:	Light yellow
Odor:	Slight
Odor threshold:	No data available
pH:	No data available
Melting point/freezing point	0°C / 32°F

## SAFETY DATA SHEET

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Initial boiling point and boiling range	No data available
Flash point	171° C / 340°F Method: COC
Evaporation rate	5% (at 120°C / 248°F)
Flammability (solid, gas)	Not applicable
Upper explosion limit	No data available
Lower explosion limit	No data available
Vapor pressure	No data available
Relative vapor density	No data available
Relative density	0.85
Solubility(ies)	
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	
Viscosity, kinematic	2.7@100° C / 212°F
Explosive properties	Not explosive
Oxidizing properties	The substance or mixture is not classified as oxidizing.
Molecular weight	No data available

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	Not classified as a reactivity hazard
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Hazardous decomposition products will be formed at elevated temperatures.
Conditions to avoid	None known
Incompatible materials	Oxidizing agents

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Hazardous decomposition products: Formaldehyde, carbon monoxide

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**SECTION 11.TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

Inhalation  
Skin contact  
Ingestion  
Eye contact

**Acute toxicity**

Not classified based on available information

**Skin corrosion/irritation**

Not classified based on available information

**Serious eye damage/eye irritation**

Not classified based on available information

**Respiratory or skin sensitization**

Not classified based on available information.

**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**IARC** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

**OSHA** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by OSHA.

**NTP** No ingredient of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by NTP.

**Reproductive toxicity**

Not classified based on available information.

**STOT-single expose**

Not classified based on available information.

**STOT-repeated expose**

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Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

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**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

No data available

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**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods**

Resource Conservation and Recovery Act (RCRA)

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form.

Waste from residues

Dispose of in accordance with local regulations.

Contaminated packaging

Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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**SECTION 14. TRANSPORT INFORMATION**

**International Regulation**

**UNRTDG**

Not regulated as a dangerous good

**IATA-DGR**

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Not regulated as a dangerous good

**IMDG-Code**

Not regulated as a dangerous good

**Transport in bulk according to Annex II or MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**49 CFR**

Not regulated as a dangerous good

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**SECTION 15. REGULATORY INFORMATION**

***US Federal***

**TSCA: L17-0078**

None

**SARA Reportable Quantities (RQ):**

None of the chemicals listed have an RQ.

**OSHA – Highly Hazardous**

None of the chemicals in this product are considered highly hazardous by OSHA.

***US State Right to Know***

None

**California Regulations**

None

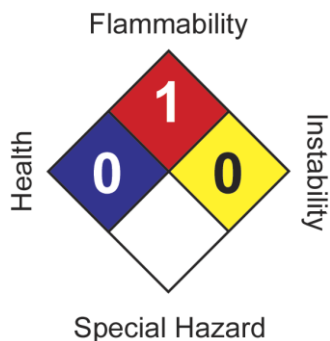
***European/International Regulations***

None

***Canada Ingredient Disclosure List***

None



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01/01/2018**SECTION 16. OTHER INFORMATION****NFPA:****HMIS III:**

<b>HEALTH</b>	<b>0</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0=not significant, 1=Slight, 2=Moderate,  
 3=High, 4-Extreme, \*=Chronic

Sources of key data used to compile the SDS:

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and the European Chemicals Agency, <http://echa.europa.eu/>

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