1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** RADCOLUBE® CLP

This product meets MIL-PRF-63460E military performance specification.

This lubricant is identified by Military Symbol CLP and North Atlantic Treaty Organization (NATO) Code Number S-758.

ISO 9001:2008 Certification Number: C2015-00068

**Recommended Use**

This product is for use in cleaning, lubricating and short-term preservation of small and large caliber military weapons, operating in the temperature range of -51° to +71°C (-60° to +160 °F).

**NSN:**
- 9150-01-102-1473 0.5 oz. bottle with twist cap
- 9150-01-079-6124 4 oz. bottle with twist cap
- 9150-01-054-6453 1 pint bottle with trigger sprayer
- 9150-01-327-9631 1 liter bottle with trigger sprayer
- 9150-01-053-6688 1 gallon jug

**Company Identification**

Headquarters and Manufacturing Facility (CAGE Code: 6ZS16)
Radco Industries, Inc.
700 Kingsland Drive
Batavia, IL 60510

Customer information number: 1-630-232-7966

**EMERGENCY TELEPHONE NUMBER**

**Advisory Office in case of poisoning: Chemtrec**
- Chemtrec (North America): 1-800-424-9300
- Chemtrec (International): 1-703-527-3887

2. HAZARDS IDENTIFICATION

**Classification of mixture:**
- Acute hazards to the aquatic environment, category 1
- Aspiration hazard, Category 1
- Serious eye damage/eye irritation, Category 1
- Skin corrosion/irritation, Category 2

**Hazard Pictogram:**

**Signal Word:** Danger

**Hazard Statements**
- H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H318: Causes serious eye damage
H401: Toxic to aquatic life

Precautionary Statements:
P260: Do not breathe dust, fume, gas, mist, vapors, or spray.
P270: Do not eat, drink or smoke when using this product.
P285: In case of inadequate ventilation wear respiratory protection.
P301 + P315 +P331: IF SWALLOWED: Do NOT induce vomiting. Get immediate medical advice/attention.
P305 + P351 + P338 + P311: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Call a POISON CENTER or doctor/physician.
P342 + P340 + P313: If experiencing respiratory symptoms: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.
P404: Store in a closed container.
P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>%Composition</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphthalenesulfonic acid, dinonyl-, calcium salt</td>
<td>&lt; 5%</td>
<td>57855-77-3</td>
</tr>
<tr>
<td>Other, non-hazardous components</td>
<td>Proprietary</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Polyalphaolein</td>
<td>Proprietary</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Synthetic ester</td>
<td>Proprietary</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

4. FIRST-AID MEASURES

Eyes
Immediately flush eyes with plenty of water for at least 15 minutes.

Ingestion
If swallowed, drink plenty of water, DO NOT induce vomiting. Immediately call a doctor.

Inhalation
Move to fresh air. If unconscious place in recovery position and seek medical advice. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. Remove from further exposure. Immediately call a doctor.

Skin
Wash exposed skin with soap and water.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
For small fires use carbon dioxide, dry chemical or foam.
For large fires use alcohol-type foam, universal type foam or water fox.

Fire-Fighting Equipment

This Safety Data Sheet (SDS) meets the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
Firefighter should wear normal protective equipment (full bunker gear) and positive-pressure contained breathing apparatus. Water can be used to cool fire-exposed containers, to protect personnel and to disperse vapors and spills. Water runoff can cause environmental damage. Dike and collect water used to fight fires.

**Special Fire-Fighting Procedures**
Use water spray to cool fire-exposed containers and structures. If a rail or tank truck is involved in a fire, isolate for 800 meters (0.5 mile) in all directions. Shut off fuel to fire if it is possible to do so without hazard. If this is impossible, withdraw from the area and let the fire burn out under controlled conditions. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

6. **ACCIDENTAL RELEASE MEASURES**

Wear protective clothing when taking up spill. Eliminate sources of ignition. This product is insoluble in water and will float on the surface. Prevent from entering sewers or drains. Should this product enter sewers or drains, it should be pumped out into an open vessel.

7. **HANDLING AND STORAGE**

**Handling**
Do not breathe vapors/dust. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.

**Storage**
Do not store in open or unlabeled containers. Keep container tightly closed in a dry and well-ventilated place.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits**
None established.

**Eye Protection**
Safety glasses, chemical goggles, or face shields recommended to prevent contact.

**Hand Protection**
Wear clothing and gloves that cannot be penetrated by chemicals or oil.

**Respiratory Protection**
Use with adequate ventilation. Avoid breathing vapor. If heated and ventilation is inadequate, use NIOSH certified respirator, which will protect against organic vapor.

**Other Protection**
Do not eat, drink, or smoke when handling this product.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance:</td>
<td>Transparent, amber liquid</td>
</tr>
<tr>
<td>Odor:</td>
<td>Oily, petroleum fragrance</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Auto-ignition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Evaporation Rate:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash point Cleveland Open Cup (ASTM D92):</td>
<td>188°C (370°F)</td>
</tr>
<tr>
<td>Flash point Pensky-Martens (ASTM D93):</td>
<td>174°C (345°F)</td>
</tr>
</tbody>
</table>

This Safety Data Sheet (SDS) meets the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
This Safety Data Sheet (SDS) meets the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

### 10. STABILITY AND REACTIVITY INFORMATION

**Materials to avoid**
Exposure to materials which are highly oxidizing should be avoided.

**Hazardous polymerization**
Does not occur.

**Hazardous decomposition products**
Incomplete combustion may give various cracked and oxidized hydrocarbons.

**Stability**
Stable

### 11. TOXICOLOGICAL INFORMATION

**Aspiration toxicity**
May be fatal if swallowed and enters airways. Substances known to cause human aspiration toxicity hazards or to be regarded as if they cause human aspiration toxicity hazard.

**Eye**
This product may serious eye damage.

**Skin**
This product causes skin irritation.

**Carcinogenity**
No component of this product present at levels greater than 0.1% is identified as a carcinogen by the U.S. National Toxicology Program, the U.S. Occupational safety And Health Act, or the International Agency on Research on Cancer (IARC).

### 12. ECOLOGICAL CONSIDERATIONS

This product is toxic to aquatic life based on components.

### 13. DISPOSAL INFORMATION
Disposal must be in accordance with applicable federal, state, or local regulations.

Do not allow product to reach ground water, water course, or sewage systems.

This unused material, when discarded or disposed of, is not specifically listed as a hazardous waste in Federal regulations; however, it could be considered hazardous if it meets criteria for being toxic, corrosive, ignitable, or reactive according to U.S. EPA definitions (40 CFR Subpart C). This material could also become hazardous waste if it is mixed with or comes into contact with a listed hazardous waste. If it is a hazardous waste, regulations in 40 CFR 262-266, 268, 270, and 279 may apply.

“Empty” containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove and even a trace of remaining material constitutes as explosive hazard. “Empty” drums should be completely drained, properly bunged, and promptly returned to a drum recycler. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

14. TRANSPORT INFORMATION

U.S. Dept. of Transportation Shipping Name
Not regulated.

Canadian Transportation of Dangerous Goods Shipping Name
Not regulated.

European Rail/Road (ADR/RID) Shipping Name
Not regulated.

Air (ICAO/IATA) Shipping Name
Not regulated.

Sea (IMO/IMDG)
Not regulated.

15. REGULATORY INFORMATION

California (Proposition 65)
This product does not contain any of the substances known to the State of California to cause cancer, birth defects, or reproductive harm.

CERCLA Reportable Quantity
This product is not reportable under 40 CFR Part 302.4.

Environmental Protection Agency
None of the ingredients are listed

National Toxicology Program (NTP)
None of the ingredients are listed.

OSHA Hazard Communication Standard
This material is considered hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355)
This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

SARA Title III Sections 311/312 Hazardous Categorization (40 CFR Part 370)
Hazardous categories for this product are: Acute= no; Chronic= no; Fire=no; Pressure=no; Reactive=no.

SARA Title III Section 313 (40 CFR Part 372)
This product is not regulated under Section 313 of SARA and 40 CFR Part 372.

U.S. Inventory (TSCA)
Listed on inventory.

Australia Inventory (AICS)
Listed on inventory.

Canada Inventory (DSL)
All of the ingredients are listed.

China (CICS)
None of the ingredients are listed.

EC Inventory (EINECS/ELINCS)
In Compliance

International Agency for Research on Cancer (IARC)
None of the ingredients are listed.

Japan Inventory (MITI)
Listed on inventory.

Korea Inventory (ECL)
Listed on inventory.

16. OTHER INFORMATION

Safety Data Sheet Creation Date: 17 February 2015
Safety Data Sheet Revision Date: 4 October 2016

The information herein is given in good faith, but no warranty, expressed or implied, is made. Consult Radco Industries, Inc. for further information.

THIS INFORMATION RELATES TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION STATED IS TO THE BEST OF RADCO’S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE COMPILED. HOWEVER, NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE TO ITS ACCURACY, RELIABILITY, OR COMPLETENESS, AND RADCO DOES NOT ACCEPT LIABILITY FOR ANY LOSS OR DAMAGE THAT MAY OCCUR FROM THE USE OF THIS INFORMATION. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIAL SHOULD BE USED WITH CAUTION TO GUARD AGAINST UNKNOWN HAZARDS. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, RADCO DOES NOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

RADCOLUBE® is a registered trademark of Radco Industries, Inc.