# Zipper Cleaner & Lubricant

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Date of issue: 09/18/2019 Revision date: 10/24/2024 Version: 1.0

## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture

Product name : Zipper Cleaner & Lubricant

Product code : Not available

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Cleaner

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

**Manufacturer**
Gear Aid Inc.
1411 Meador Avenue
Bellingham, WA 98229-5845
T (360) 671-2227

### 1.4. Emergency telephone number

Emergency number : CHEM TEL: 1-800-255-3924 (24hr)
Outside the US: 813-248-0585 (collect call)

## SECTION 2: Hazard identification

### 2.1. Classification of the substance or mixture

**GHS classification**

Not classified.

### 2.2. Label elements

**GHS labelling**

No labeling applicable

### 2.3. Other hazards

No additional information available

### 2.4. Unknown acute toxicity

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % |
|---|---|---|
| Cellulose, 2-hydroxyethyl ether | (CAS-No.) 9004-62-0 | 1 - 5 |

***Chemical name, CAS number and/or exact concentration have been withheld as a trade secret**

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Get medical advice/attention if you feel unwell. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.

Symptoms/effects after skin contact : May cause skin irritation. Repeated exposure may cause skin dryness or cracking.

| | | |
|---|---|---|
| Symptoms/effects after eye contact | : | May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. |
| Symptoms/effects after ingestion | : | May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

### 4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

| | | |
|---|---|---|
| Suitable extinguishing media | : | Use extinguishing media appropriate for surrounding fire. |
| Unsuitable extinguishing media | : | Do not use water jet |

### 5.2. Special hazards arising from the substance or mixture

| | | |
|---|---|---|
| Fire hazard | : | Products of combustion may include, and are not limited to: oxides of carbon. |

### 5.3. Advice for firefighters

| | | |
|---|---|---|
| Protection during firefighting | : | Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

| | | |
|---|---|---|
| General measures | : | Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. |

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

| | | |
|---|---|---|
| For containment | : | Stop leak if safe to do so. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). |
| Methods for cleaning up | : | Sweep or shovel spills into appropriate container for disposal. Ventiler la zone. |

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | | |
|---|---|---|
| Precautions for safe handling | : | Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. |
| Hygiene measures | : | Wash contaminated clothing before reuse. Always wash hands after handling the product. |

### 7.2. Conditions for safe storage, including any incompatibilities

| | | |
|---|---|---|
| Storage conditions | : | Keep out of the reach of children. Keep container tightly closed. Store in dry, cool, well-ventilated area. |

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| **Cellulose, 2-hydroxyethyl ether (9004-62-0)** |
|---|
| Not applicable |

### 8.2. Exposure controls

| | | |
|---|---|---|
| Appropriate engineering controls | : | Ensure good ventilation of the work station. |
| Hand protection | : | Wear suitable gloves. |
| Eye protection | : | Safety glasses or goggles are recommended when using product. |

| | | |
|---|---|---|
| Skin and body protection | : | Wear suitable protective clothing. |
| Respiratory protection | : | In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. |
| Environmental exposure controls | : | Avoid release to the environment. |
| Other information | : | Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Appearance | : | Clear liquid. |
| Colour | : | Clear |
| Odour | : | Sweet |
| Odour threshold | : | No data available |
| pH | : | 10 - 11 |
| Melting point | : | No data available |
| Freezing point | : | No data available |
| Boiling point | : | No data available |
| Flash point | : | None. |
| Relative evaporation rate (butylacetate=1) | : | Same as water. |
| Flammability (solid, gas) | : | Not flammable. |
| Vapour pressure | : | No data available |
| Relative vapour density at 20 °C | : | No data available |
| Relative density | : | 1.004 |
| Density | : | 8.36 lb/gal |
| Solubility | : | Soluble in water. |
| Partition coefficient n-octanol/water | : | No data available |
| Auto-ignition temperature | : | No data available |
| Decomposition temperature | : | No data available |
| Viscosity, kinematic | : | No data available |
| Viscosity, dynamic | : | 2000 - 3000 cP @ 25 °C (77 °F) |
| Explosive limits | : | No data available |
| Explosive properties | : | No data available |
| Oxidising properties | : | No data available |

### 9.2. Other information

VOC content : None

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. Direct sunlight.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified. |
| Acute toxicity (dermal) | : | Not classified. |
| Acute toxicity (inhalation) | : | Not classified. |
| Skin corrosion/irritation | : | Not classified.<br>pH: 10 - 11 |
| Serious eye damage/irritation | : | Not classified.<br>pH: 10 - 11 |
| Respiratory or skin sensitisation | : | Not classified. |
| Germ cell mutagenicity | : | Not classified. |
| Carcinogenicity | : | Not classified. |
| Reproductive toxicity | : | Not classified. |
| STOT-single exposure | : | Not classified. |
| STOT-repeated exposure | : | Not classified. |
| Aspiration hazard | : | Not classified. |
| Symptoms/effects after inhalation | : | May cause irritation to the respiratory tract. |
| Symptoms/effects after skin contact | : | May cause skin irritation. Repeated exposure may cause skin dryness or cracking. |
| Symptoms/effects after eye contact | : | May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling. |
| Symptoms/effects after ingestion | : | May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea. |
| Other information | : | Likely routes of exposure: ingestion, inhalation, skin and eye. |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

### 12.2. Persistence and degradability

| Zipper Lubricant | |
|---|---|
| Persistence and degradability | Not established. |

### 12.3. Bioaccumulative potential

| Zipper Lubricant | |
|---|---|
| Bioaccumulative potential | Not established. |

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Other information : No other effects known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

**Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)**

In accordance with DOT/TDG

Not applicable

**Transport by sea**

In accordance with IMDG

Not applicable

**Transport by air**

In accordance with IATA

Not applicable

## SECTION 15: Regulatory information

### 15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

### 15.2. International regulations

No additional information available

### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

## SECTION 16: Other information

| | | |
|---|---|---|
| Revision date | : | 10/24/2024 |
| Other information | : | None. |

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