



# **CHEMPOL 51810**

## **MATERIAL SAFETY DATA SHEET NON-HAZARDOUS/ NON-DG**

CHEMPOL ADDITIVES & CHEMICALS urges the recipient of this Safety Data Sheet to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should (1) notify your employees, agents and contractors of the information on this sheet, (2) furnish a copy to each of your customers for the product, and (3) request your customers to inform their employees and customers as well.

### **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

#### **1.1 PRODUCT IDENTIFIER**

**PRODUCT FORM:** LIQUID MIXTURE

**TRADE NAME/DESIGNATION:** CHEMPOL 51810

#### **1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST**

##### **1.2.1. RELEVANT IDENTIFIER USES**

Formulation of Additive Packages, Lubricants and Greases – Industrial  
General uses of Lubricants and Greases in Vehicle and machinery – Industrial  
General uses of Lubricants and Greases in Vehicle and machinery – Professional

See section 7.3 and where applicable the annex to this Safety Data Sheet for further information on the relevant uses.

##### **1.2.2. USES ADVISED AGAINST**

It's advised to not use it other than the relevant identifier uses.

#### **1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

CHEMPOL ADDITIVES & CHEMICALS

### **SECTION 2: HAZARDS IDENTIFICATION**

#### **CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

**PRODUCT DEFINITION:** Mixture

Primary Hazards and Critical Effects

**WARNING!**

CAUSES RESPIRATORY TRACT IRRITATION.

CAUSES EYE IRRITATION.

MAY CAUSE ALLERGIC SKIN REACTION.

#### **Section 3: Composition/information on ingredients**

Components	CAS Number	Approximate percentage composition
Paraffinic Base oil	64741-88-4	10 to 20
Performance Additives	Mixture	80-90



#### **SECTION 4: FIRST AID MEASURES**

**Inhalation:**

Remove to fresh air. Obtain medical attention. If breathing is difficult, administer oxygen.

**Ingestion:**

If affected person is conscious, give plenty of water to drink. Drink two large glasses of water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

**Skin contact:**

Wash skin with soap and water. Obtain medical attention.

**Eye contact:**

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

#### **SECTION 5: FIRE FIGHTING MEASURES**

**Extinguishing media:**

In case of fire, use water spray (fog), foam, and dry chemicals.

**Fire-Fighting procedures:**

Fire fighters should wear positive pressure NIOSH approved self-contained breathing apparatus (SCBA) and full turnout gear.

**Hazardous Decomposition Products:**

Carbon oxides (CO, CO<sub>2</sub>)

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills like spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways.

#### **SECTION 7: HANDLING AND STORAGE**

**Handling:**

Wash thoroughly after handling.

**Storage:**

Keep container tightly closed. Keep container in a cool, well-ventilated area.



## **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Personal Protective Equipment:**

#### Respiratory System:

Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s).

#### Skin and Body:

Disposable outer garments when there is the potential for contact with the material.

#### Hands:

Use chemical resistant, impervious gloves.

#### Eyes:

Safety glasses with side shields. Goggles with a face shield may be necessary depending on quantity of material and conditions of use.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### Physical State and Appearance:

Specific Gravity : 0.85-0.95 at 15.6 °C

Viscosity : 4-7 cSt at 100 °C

Flash Point, (COC) : >180 °C.

## **SECTION 10: STABILITY AND REACTIVITY**

Stability : The product is stable.

Materials to avoid : Strong oxidizing and reducing agents.

Conditions to avoid : None known.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

Routes of Entry : Absorbed through skin, inhalation, ingestion.

Target Organs : Contains material which may cause damage to the following organs: blood, gastrointestinal tract, skin, lungs, central nervous system (CNS), nose/sinuses

### Acute Effect

Inhalation : Irritating to respiratory system.

Ingestion : Aspiration hazard if swallowed.

Skin Contact : May cause sensitization by skin contact.

Eye Contact : Irritating to eyes.

### Chronic Effects

Adverse Effects : This product contains a component that may cause methemoglobinemia. This product contains an aryl amine that has been shown to cause skin sensitization in a small number of occupationally – exposed persons.

Carcinogenic Effects : Not classified



## **SECTION 12: ECOLOGICAL INFORMATION**

Environmental Hazards : Not available.

Environmental Fate : Not available.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations or incinerate.

## **SECTION 14: TRANSPORT INFORMATION**

Department of transportation Classification: Not hazardous by US DOT Regulations.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is not classified as Dangerous Goods, by rules of IATA

Dot Proper Shipping Name : Not Applicable

Other Requirements : Not Applicable

## **SECTION 15: REGULATORY INFORMATION**

**Regulatory Lists Searched:** The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See Regulatory Search Results below.

**Health & Safety:** 10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 22 - FDA21 CFR Total food additives, 23 - NFPA 49 or 325

**Environmental:** 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depletors, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCOMI, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA /SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45- CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for Listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S) MCLs

### **SARA Section 313:**

**Chemical CAS Number Percent in Product** : Zinc Components Mixture < 13

**IARC** : No information available

### **SARA 311 / 312 Categories:**

1. Immediate (Acute) Health Effects : No
2. Delayed (Chronic) Health Effects : No
3. Fire Hazard : No
4. Sudden Release or Pressure Hazard : No
5. Reactivity Hazard : No



**Chemical Inventories:**

**Canadian WHMIS Classification** : Not a controlled substance under WHMIS

**European Union Classification**

**Hazard Symbols** : No classification recommended

**Risk Phrases** : No classification recommended

**Safety Phrases** : No classification recommended

**WHMIS Classification** : This product is not considered a controlled Product according to the criteria of the Canadian Controlled products Regulations.

**SECTION 16: OTHER INFORMATION**

The opinions expressed herein are those of qualified experts. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of this product are not within the control of Chempol, it is the user's obligation to determine the conditions of safe use of the products.