



# **CHEMPOL 5177**

## **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 5177

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

It's advised to not use it other than the relevant identifier uses.
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### **1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

CHEMPOL ADDITIVES & CHEMICALS

## **SECTION 2: HAZARDS IDENTIFICATION**

### **2.1 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**

**Substance/mixture:** Mixture

<b>Name</b>	<b>Product identifier</b>	<b>%</b>	<b>Classification according to Regulation (EC) No. 1272/2008[CLP]</b>
Siloxanes and Silicones	CAS No: 63148-62-9	≥10 - <25	Asp. Tox. 1; H304
benzoic acid	CAS No: 65-85-0	<1	Aquatic Acute 1 / H400 Aquatic Chronic 4 / H413

### **SECTION 4: HAZARDS IDENTIFICATION**

Primary Hazards and Critical Effects

**WARNING!**

**CAUSES RESPIRATORY TRACT IRRITATION.**

**CAUSES EYE IRRITATION.**

**MAY CAUSE ALLERGIC SKIN REACTION.**

### **SECTION 5: 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 6: 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 7: 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 8: HANDLING AND STORAGE**

Handling:

Wash thoroughly after handling.

Storage:

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

### **SECTION 9: 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 10: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State and Appearance: Viscous Dark Brown Liquid

Specific Gravity : 0.95-1.05 at 15.6 °C

Kinematic Viscosity @25°C : 12500 cst typically

Flash Point, (COC) : >120 °C.

### **SECTION 11: STABILITY AND REACTIVITY**

Stability : The product is stable.

Materials to avoid : Strong oxidizing and reducing agents.

Conditions to avoid : None known.

### **SECTION 12: 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 13: ECOLOGICAL INFORMATION**

- Environmental Hazards : Not available.
- Environmental Fate : Not available.

**SECTION 14: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local regulations or incinerate.

**SECTION 15: 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 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 UK, it is the user's obligation to determine the conditions of safe use of the products.