

**PRODUCT SAFETY DATA SHEET**  
**Ref:10036**

**1. Identification of the Substance/Preparation & Supplier**

**Name of Manufacturer/Supplier:**

Global Lubricants Ltd

**Address & Phone No:**

Sandwell Business Development Centre  
Oldbury Road  
Smethwick  
West Midlands  
B66 1NN

Tele/Fax No: 0121 544 3638

**Product Name: BIOZAP**

**Product Type: Bacteriacide**

**2. Composition/Information on Ingredients**

| Ingredient Name:                                     | Cas No:   | Content: | Risk Phrases:  | Health: |
|--|-----------|----------|----------------|---------|
| 1,3,5-TRIS (2-HYDROXYETHYL)-HEXAHYDRO-S-TRIAZINE     | 4719-04-4 | 60-100%  | 31,34,36/37/38 | C       |
| SODIUM PYRIDINE THIONE                               | 3811-73-2 | 1-5%     | 22,36/38       | Xn      |
| ETHYLENEDIAMINETETRA ACETIC ACID<br>TETRASODIUM SALT | 64-02-8   | 1-5%     | 36/38          | Xi      |

**3. Hazards Identification**

Causes burns. Irritating to eyes, respiratory system and skin.

**4. First Aid Measures**

**General: NOTE:** Effects may be delayed. Keep affected person under observation. Seek medical attention for all burns, regardless how minor they may seem. Chemical burns must be treated by a physician. Never give anything by mouth to an unconscious person.

**Eye Contact:** Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

**Skin Contact:** Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Seek medical attention if any discomfort continues.

**Inhalation:** Rest and keep warm. If adverse symptoms occur, seek medical advice immediately.

**Ingestion:** Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. **NOTE:** Effects may be delayed. Keep affected person under observation.

**Product Name: BIOZAP**  
**Product Type: Bacteriacide**

### **5. Fire Fighting Measures:**

**Special Fire Fighting Procedures:** Keep running water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities. Beware, risk of formation of toxic and corrosive gases. Wear self contained breathing apparatus with full face piece in pressure demand or other positive pressure mode if exposure is likely. May be extinguished with water, carbon dioxide (CO2) or powder.

**Hazardous Decomp Products:** Fire or high temperatures create Nitrous gases (Nox).

**Protective Measures In Fire:** Wear self contained breathing apparatus and full protective clothing to prevent contact with skin and eyes.

**Extinguishing Media:** No specific method or medium noted

### **6. Accidental Release Measures:**

### **7. Handling and Storage:**

**Usage Precautions:** Contaminated clothing and shoes must be discarded. Wear full protective clothing for prolonged exposure and/or high concentrations. Avoid spilling, skin and eye contact.

### **8. Exposure Controls/Personal Protection:**

**Process Conditions:** Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Provide eyewash, quick drench.

**Eyes:** Wear splash proof eye goggles to prevent any possibility of eye contact. If risk of splashing, wear safety goggles or face shield.

**Ventilation:** Provide adequate general and local exhaust ventilation.

**Respirators:** Under normal conditions of usage respiratory protection is not required.

**Protective Gloves:** Chemical resistant gloves required for prolonged or repeated contact. Wear plastic or rubber gloves.

**Other Protection:** Wear appropriate clothing to prevent reasonably probable skin contact.

**Hygienic Work Practices:** Wash at the end of each work shift and before eating, smoking and using the toilet.

**Product Name: BIOZAP**  
**Product Type: Bacteriacide**

### **9. Physical and Chemical Properties:**

|                                 |  |
|---------------------------------|--|
| Appearance                      | Clear Liquid   |
| Colour                          | Yellow to grey                                       |
| pH Value, diluted solution      | 110.1    Concentration (%M):10%                      |
| Freezing Point (°C, interval)   | <-10   |
| Odour/taste                     | Pungent  |
| Solubility description          | Miscible with water                                  |
| Physical data comments          | Information given concerns the concentrated solution |
| Boiling point (°C, interval)    | >100    Pressure: 760mmHg                            |
| Density/specific gravity (g/ml) | 1.17    Temperature (°C): 20                         |
| Refractive index                | 1.4800   |
| Flash point (°C)                | >60    Method: PM closed cup                         |

### **10. Stability and Reactivity:**

|                                   |   |
|-----------------------------------|---|
| Stability:                        | Stable under normal usage conditions. Avoid Contact with acids. Contact with peroxides. |
| Hazardous Decomposition Products: | Fire or high temperatures create Nitrous gases (Nox)                                    |
| Conditions to Avoid:              | Generates toxic gas in contact with acid  |
| Hazardous Polymerization          | Will not polymerize   |
| Polymerization Description        | Not relevant  |
| Materials to Avoid                | Acids. Strong oxidising agents  |

### **11. Toxicological information:**

Product is of low acute oral toxicity

**Eyes:** Risk of serious eye damage. Avoid contact.

**Skin:** Causes irritation to the skin

**Health Warnings:** INHALATION. May cause irritation to the respiratory system. SKIN CONTACT. Irritating to skin. EYE CONTACT. May cause severe Irritation to eyes.

**Other Health Effects:** This substance has no evidence of carcinogenic properties

**Medical Symptoms:** EYES AND MUCOUS MEMBRANES. Irritation, burning, lacrimation blurred vision after liquid splash.

**Medical Considerations:** No information about adverse effects due to exposure.

**Product Name: BIOZAP**  
**Product Type: Bacteriacide**

## **12. Ecological Information:**

### **ECOTOXICOLOGICAL DATA:**

Biodegradability      OECD-test      28 days

### **BIO ACCUMULATION:**

Does not bioaccumulate.

## **13. Disposal Recommendations:**

### **Disposal methods:**

Do not allow runoff to sewer, waterway or ground. Dispose of in accordance with Local Authority requirements.

## **14. Transport Information:**

### Road Transport:

UN No. Road      1760

Rail Transport

Sea Transport

Air Transport

## **15. Regulatory Information:**

Label for Supply:      Not classified

Risk Phrases:      R-31 Contact with acids liberates toxic gas

R-34 Causes burns

R-36/37/38 Irritating to eyes, respiratory system and skin

R-37 Irritating to respiratory system

Safety Phrases:      S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

S24/25 Avoid contact with skin and eyes

S-36/37/39 Wear suitable protective clothing, gloves and eye/face Protection

S-28A After contact with skin, wash immediately with plenty of water

## **16. Other Information:**

### **Legal Disclaimer:**

The information supplied above is based upon the present state of our knowledge at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.