# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

| | | |
|---|---|---|
| 1.1 | **Trade Name** | **EZ 602 HL-1** |
| 1.2 | **Use of substance** | Lubricant Grease |
| 1.3 | **Manufacturer/Supplier** | ITW Chemin, ITW INDIA PRIVATE LIMITED |
| | **Address** | Plot No: 34-37, Phase- 2, IDA, TSIIC, Pashammylaram, SangaReddy District. 502307, INDIA |
| | **Phone Number** | +91 8455 224700/01 |
| | **Fax Number** | +91 8455 224705 |
| 1.4 | **Emergency Cell Number** | +919000031515 |
| | **E-Mail** | chemininfo@itwchemin.com |
| | **Website** | www.itwchemin.com |

## 2. HAZARD IDENTIFICATION

**GHS label Element:**

Hazard statements: H315: Causes skin irritation.

Hazard Pictogram: GHS07: Exclamation mark

Signal Word: Warning

Precautionary statements:

P102: Keep out of reach of children
P240: Ground/Bond container and receiving equipment.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call if you feel unwell.
P403+233: Store in a well-ventilated place. Keep container tightly closed.

Other Hazards: This product is not identified as a PBT/vPvB substance.

## 3. COMPOSITION/INFORMATION ON THE COMPONENTS

**No Hazardous components as per OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200**

| Component Name | CAS# | Concentration | Exposure Limits |
|---|---|---|---|
| Solvent refined base oil | 64742-01-04 | >60% | Not established |
| Lithium Soap | Mixture | 15-25% | |
| Additives | | 5-15% | |

## 4. FIRST AID MEASURES

| | | |
|---|---|---|
| **Eye contact** | Bathe the eye with running water for 15 minutes. Consult a doctor | May be Mild irritation at the site of contact. |
| **Skin contact** | Wash immediately with plenty of soap and water | May be Irritation and redness |
| **Ingestion** | Wash out mouth with water | May be irritation of throat |
| **Inhalation** | Remove causality from exposure ensuring one's own safety whilst doing so. | May be coughing and sore throat |

## 5. FIRE FIGHTING MEASURES

| | | |
|---|---|---|
| 5.1 | **Extinguishing Media** | Use foam, dry chemical or carbon dioxide. |
| 5.2 | **Specific hazards arising from the chemical** | This product may give rise to hazardous fumes in a fire. |
| 5.3 | **Advice for fire-fighters** | Full protective clothing and self containing breathing apparatus. |
| 5.4 | **Unsutiable Extinguishing Media** | Do not use water jet. |

## 6. ACCIDENTAL RELEASE MEASURES

| | | |
|---|---|---|
| 6.1 | **Personal Precautions** | Material can create slippery conditions underfoot. |
| 6.2 | **Environmental Precautions** | Try to prevent the material from entering drains or rivers. |
| 6.3 | **Methods and material for containment and cleaning up** | Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal. Finally flush area with plenty of water. |

## 7. HANDLING AND STORAGE

| | | |
|---|---|---|
| 7.1 | **Handling** | Keep away from heat, sparks and flame. |
| 7.2 | **Storage** | Storage temperature should be controlled to between 5 and 45 °C |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | | |
|---|---|---|
| 8.1 | **Control parameters** | DNEL / PNEC No data available. |

| | | |
|---|---|---|
| 8.2 | **Engineering Control Measures** | Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely. |
| 8.3 | **Individual protection measures, such as personal protective equipment** | |
| | **Respiratory Protection** | Respiratory protection not normally required. |
| | **Hand Protection** | Wearing impervious protective gloves made from neoprene, nitrile or n-butyl rubber can minimize skin contact.<br>Use a good quality water-soluble barrier cream. |
| | **Eye Protection** | Chemical goggles if there is a risk of eye contact. |
| | **Body Protection** | Normal work wear. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Appearance (physical state, color, etc.).** | Amber to brown thick paste |
| **Odor** | No charcterstic odour |
| **Viscosity** | Thick paste NLGI grade-1 |
| **pH** | Not Applicable |
| **Melting Point/Freezing point** | Not Applicable |
| **initial boiling point and boiling range.** | >230$^0$C |
| **flash point.** | >190$^0$C |
| **evaporation rate.** | Not Applicable |
| **flammability (solid, gas).** | Not Applicable |
| **upper/lower flammability or explosive limits.** | Not Applicable |
| **vapor pressure.** | Not Applicable |
| **vapor density.** | Not Applicable |
| **relative density.** | <1 Kg/L |
| **solubility(ies).** | Not solublein water |
| **Partition coefficient: n-octanol/water.** | Not Applicable |
| **Auto ignition temperature.** | Above 200 |
| **Decomposition temperature.** | Not established |
| **NOTE:** | The above data are typical values and cannot be inferred as specifications |

## 10. STABILITY AND REACTIVITY

| | | |
|---|---|---|
| 10.1 | **Reactivity** | None Known |
| 10.2 | **Chemical stability** | Stable under normal condition |
| 10.3 | **Possibility of Hazardous reaction** | None |
| 10.4 | **Condition to avoid** | High Temperatures |

| | | |
|---|---|---|
| 10.5 | **Incompatible material** | Strong oxidizing agents. Strong acids. |
| 10.6 | **Hazardous Decomposition Products** | combustion will generate: Carbon dioxide and carbon monoxide vapors. |

## 11. TOXICOLOGICAL INFORMATION

| | | |
|---|---|---|
| 11.1 | **Routes of exposure** | Refer to section 4 of SDS for routes of exposure and corresponding symptoms |

## 12. ECOLOGICAL INFORMATION

| | | |
|---|---|---|
| 12.1 | **Eco toxicity** | Not known |
| 12.2 | **persistence and degradability** | Not known |
| 12.3 | **Bio accumulative potential** | Not known |
| 12.4 | **Mobility in soil.** | Non-volatile absorbed only slowly in to soil. |
| 12.5 | **Other adverse effects** | .... |

## 13. DISPOSAL

| | | |
|---|---|---|
| 13.1 | **Product Disposal** | Dispose of in a regulated landfill site or other method for hazardous or toxic wastes. |
| | **Container Disposal** | Labels should not be removed from containers until they have been cleaned. Dispose of containers with care. Do not incinerate closed containers. Empty aerosol cans before disposal |

## 14. TRANSPORT INFORMATION

| | | |
|---|---|---|
| 14.1 | **UN number** | --- |
| 14.2 | UN proper shipping name | ---- |
| 14.3 | **Transport hazard class(es)** | |
| 14.4 | Packing group | |
| 14.5 | **Environmental hazards** | |
| 14.6 | Special precautions for user | |

## 15. REGULATORY INFORMATION

| | | |
|---|---|---|
| 15.1 | **Safety, health and environmental regulations/legislation specific for the substance or mixture** | No significant hazard |
| 15.2 | **Chemical Safety Assessment** | None |

**Note** The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national and local regulations or provisions.

## 16. OTHER INFORMATION

| | |
|---|---|
| **Product Use** | For industrial use only. Metal Working Fluid |
| **SDS first issued** | April,2008 |
| **SDS data revised, Ref. No.** | Sep'2019, REV: 04 |

| | |
|---|---|
| **Legal disclaimer** | The above information is believed to be correct but does not purport to be all-inclusive and shall be only used as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. |