



# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE

### Product Details

- Trade name: **Liquid Wrench Workhorse Multipurpose Lube**
- Part Number: LMP8TWO
- Application of the substance/the preparation  
corrosion inhibitors  
Coating
- **Marketer:**
- **TIDE WATER OIL CO. (INDIA) LTD.**
- Yule House 8, Dr. Rajendra Prasad Sarani,
- Kolkata – 700 001, West Bengal, India
- Contact - +91 33 2242 1086
- Customer Care executive  
email: [service@tidewaterindia.co.in](mailto:service@tidewaterindia.co.in)

## 2. COMPOSITION/ DATA ON COMPONENTS

### Chemical Characterization

- **Description:** mixture of the substances listed below with nonhazardous additions.
- **Dangerous Components:**
  - 1) Premier 50 ( DOK ) – 70-80 %
  - 2) SN 150 – 5-10%
  - 3) Ethylene Glycol Mono Butyl Ether – 5-10%
  - 4) Tricrsyl Phosphate – 0.1-0.2%
  - 5) Irgalube 349 – 0.1-0.2 %
  - 6) Carbon Dioxide

### 3. HAZARDS IDENTIFICATION

#### HAZARD DESCRIPTION:



- 7) Information pertaining to particular dangers for man and environment  
irritating to eyes, respiratory system and skin
- 8) Classification system  
Nfpa rating system (scale 0-4)

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	

#### 4. FIRST AID MEASURES

- 9) **After Inhalation:** supply fresh air; consult doctor in case of complaints.
- 10) **After skin contact:** immediately wash with soap and water and rinse thoroughly.
- 11) **After eye contact:** rinse open eye for several minutes under running water.
- 12) **After swallowing:** if symptoms persist consult a doctor. If swallowed, rinse mouth with water (only if the person is conscious) do not induce vomiting; immediately call for medical help.

#### 5. FIRE FIGHTING MEASURES

- 13) **Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards caused by the material, its product of combustion or resulting gases.  
Nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO)/ no special measures required

#### 6. ACCIDENTAL RELEASE MEASURES

- 14) **Person-related safety precautions:** not required.
- 15) **Measures for environmental protection:** do not allow to enter sewers/ surface or ground water.

- 16) **Measures for cleaning/ collecting:** absorb with liquid-binding material  
(sand, diatomite, acid binders, universal binders, sawdust)
- 17) **Additional information:** no dangerous substances are released.

## 7. HANDLING AND Storage

### handling:

- 18) **Information for safe handling:** ensure good ventilation/ exhaust at the workplace.
- 19) **Information about protection against explosions and fires:** no special measures required.

### Storage:

- 20) **Requirements to be met by storerooms and receptacles:** no special requirements
- 21) **Information about storage in one common storage facility:** not required.
- 22) **Further information about storage conditions:** none

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Components with limit values that require monitoring at the workplace:** the product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** the lists that were valid during the creation were used as a basis.

### Personal protection equipment/ general protective and hygienic measures:

- 23) Avoid contact with eyes and skin.
- 24) The usual precautionary measures for handling chemicals should be followed.

**Breathing equipment:** use suitable respiratory protective device only when aerosol or mist is formed.

**Protection of hands:** protective gloves

**Eye protection:** goggles recommended during refilling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>General Information</b>
<b>Form:</b> Aerosol
<b>Color:</b> Clear to pale yellow
<b>Odor:</b> Solvent
<b>Change In Condition:</b>
<b>Melting Point/Melting Range:</b> Not Available
<b>Boiling Point/Boiling Range:</b> 230°C (for liquid)
<b>Flash Point:</b> >95 °C (>203 °F) (for liquid)

<b>Auto Igniting:</b> Product Is Not Self igniting
<b>Danger Of Explosion:</b> Product Does Not Represent An Explosion Hazard.
<b>Vapor Pressure @ 20°C (68°F):</b> 23 Hpa (17 Mm Hg) (for liquid)
<b>Density @ 20°C (68°F):</b> 7.51 - 7.63 lbs/gal (for liquid)
<b>pH-Value @ 20°C (68°F):</b> Not Available
<b>VOC :</b> 9.93%
<b>Water:</b> Na
<b>Solids Content:</b> Na

## 10. STABILITY AND REACTION

- 25) **Thermal decomposition/ conditions to be avoided:** no decomposition if used according to specifications.
- 26) **Dangerous reactions:** no dangerous reactions known
- 27) **Dangerous products of decomposition:** no dangerous decomposition known.

## 11. TOXICOLOGICAL INFORMATION

### Primary Irritant Effect

- 28) On the skin: irritant to skin and mucous membranes.
- 29) On the eye: irritating effect.
- 30) **Sensitization:** no sensitizing effects known.
- 31) **Additional toxicological information:** the product is not subject to classification according to the calculation method of the general eu classification guidelines for preparations as issued in the latest version: when used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12. ECOLOGICAL INFORMATION

### Additional Ecological Information

**General notes: water hazard class 1 (German regulation) (self-assessment):** slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13. DISPOSAL Considerations

### Product

- 32) **Recommendation:** dispose of in accordance with local, state, and federal regulations.

### Uncleaned packagings

- 33) **Recommendation:** disposal must be made according to official regulations.

## 14. TRANSPORT INFORMATION

- 34) **DOT Regulations:**

35) **Hazard Class:** -

36) **Identification Number:** Not Regulated

**37) Land Transport ADR/RID (Cross-Border)**

38) **ADR/RID Class:** -

39) **UN-Number:** Not Applicable

**40) Maritime Transport IMDG:**

41) **IMDG Class:** -

42) **Marine Pollutant:** No

**43) Air Transport ICAO-TI And IATA-DGR:**

44) **ICAO/IATA Class:** -

45) **UN/ID Number:** Not Applicable

## **15. REGULATIONS**

### **SARA Section 355 (Extremely Hazardous Substances)**

- None of the ingredients is listed.

- None of the ingredients is listed.

### **Tsca (toxic substances control act)**

- All ingredients are listed.

### **Prop 65 - chemicals known to cause cancer**

- None of the ingredients is listed.

### **Carcinogenicity categories**

#### **Epa (environmental protection agency)**

- None of the ingredients is listed.

- None of the ingredients is listed.

#### **Ntp (national toxicology program)**

- None of the ingredients is listed.

- None of the ingredients is listed.

- None of the ingredients is listed.

### **Markings According To EU Guidelines:**

- Observe the general safety regulations when handling chemicals
- The product is not subject to identification regulations under eu directives and the ordinance on hazardous
- Materials (gefstoffv).

**Code Letter And Hazard Designation Of Product:**

- Irritant

**Risk Phrases:**

- Irritating To Eyes, Respiratory System and Skin.

**Safety Phrases:**

- Do not breathe gas/fumes/vapor/spray.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Wear suitable gloves.

**National regulations****Technical instructions (air):**

<b><i>CLASS</i></b>	<b><i>SHARE IN %</i></b>
<b><i>NK</i></b>	<b><i>75.0</i></b>

**16. OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.