

**SEVENTH SCHEDULE ( Regulation 13)  
Used Engine Oil**

**SW 305**

Level 4, ( Pusat Dagangan Seksyen 16,  
46350 Petaling Jaya, Selangor Darul Ehsan  
Tel No: + Fax No: +

**A. PROPERTIES**

- 1.0 Category of waste. : **SW 305 – Used engine oil**  
2.0 Origin of waste. : Motor vehicle and compressor machine  
3.0 Physical properties of waste.  
3.1 Flash point : >200 °C  
3.2 Boiling point : Not Applicable  
3.3 Consistency at room temperature (gas, liquid, sludge, solid): : Liquid  
3.4 Vapours lighter/heavier than air : Not Applicable  
3.5 Solubility in water at room temperature : Insoluble  
3.6 Waste lighter/heavier than water : Lighter than water



**4.0 Risks:**

- 4.1 By inhalation : Oil mists and vapours may cause irritation to nose and respiratory tract.  
4.2 By oral intake : May cause nausea, vomiting, diarrhea, pain and stomach upset.  
4.3 By dermal contact : Repeated or prolonged contact to oily sludge may defat the skin and lead to irritation or dermatitis.

**B. HANDLING OF WASTE**

- 1.0 Personal protective equipment : Use/wear appropriate PPE according to potential hazard when handling the waste  
1.1 Gloves : Wear safety gloves (nitrile or leather as appropriate)  
1.2 Mask : -  
1.3 Respirator : Wear appropriate respirator if there is a risk of inhalation of oil mists and/or vapours  
1.4 Goggles : Wear safety spectacles or goggles to protect eyes  
1.5 Shoes : Wear safety shoes  
1.6 Face Shield : -  
1.7 Others : -

**2.0 Procedures/precautions in handling, packaging, transporting and storage**

- 2.1 Handling : Handling of wastes shall be conducted by trained personnel by wearing appropriate PPE and using proper equipment.  
2.2 Packaging : Use bung hole plastic or steel drums and place on pallets.  
2.3 Transporting : Use forklift or any appropriate equipment for lifting waste containers. Engage licensed contractor when transporting wastes outside premise.  
2.4 Storage : Store in cool, dry, ventilated area and away from sources of heat and combustible materials. Do not store with incompatible waste materials. Store wastes in a locked dedicated storage area with covered roof, fencing and appropriate warning signs.

**3.0 Appropriate label**

- 3.1 Labels for containers : Third Schedule (Regulation 10)  
Label No. 8 - TOXIC SUBSTANCES (WASTE)



- 4.0 Recommended method of disposal : Dispose of at prescribed premises. Comply with the requirements of Environmental Quality (Scheduled Wastes) Regulations 2005.

### C. PRECAUTIONS IN CASE OF SPILL OR ACCIDENTAL DISCHARGE CAUSING PERSONAL INJURY

1.0 In case of inhalation of fumes or oral intake.

1.1 Symptoms of intoxication. : Inhalation- Oil vapor may cause dizziness and nausea due to combination of organic smell from petroleum based materials.

1.2 Appropriate first aid. : Inhalation- Remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.

Oral Intake- Give 2-3 glasses of water to dilute. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

1.3 Guidelines for physician : Give respiratory support as needed and treat symptomatically

2.0 In case of dermal contact or contact with eyes

2.1 Symptoms of intoxication : Oil may cause skin and eyes irritation.

2.2 Appropriate first aid : Remove contaminated clothing and wash affected skin with water and soap. Flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Do not rub or scratch affected skin/eye. If irritations persist, get medical attention.

2.3 Guidelines for physician : For dermal contact treat for skin rashes or allergy.  
For eyes contact, check for foreign matter and treat for irritation.

### D. STEPS TO BE TAKEN IN CASE OF SPILL OR ACCIDENTAL DISCHARGE CAUSING MATERIAL DAMAGE ARISING FROM

1.0 Spill on floor, soil, road etc. : Prevent from spreading by shutting the source of spillage. Prevent from entering into water pathway. Wear appropriate personal protective equipment. Avoid breathing oil vapours. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover waste when possible. Collect all contaminated soils and clean the contaminated area. Do not disperse using water.

2.0 Spill into water. : Prevent from spreading by shutting the source of spillage. Wear appropriate personal protective equipment. Avoid breathing oil vapours. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover waste when possible

3.0 Fire. : Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Wear full protective clothing including self-contained positive pressure or pressure demand breathing apparatus. Extinguish fire with CO<sub>2</sub> or dry powder. Avoid breathing smoke. Contain and recover waste when possible. Collect all contaminated materials and clean the contaminated area. Do not disperse using water.

4.0 Explosion. : Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Wear appropriate personal protective equipment. Extinguish fire (if any) with CO<sub>2</sub> or dry powder. Avoid breathing smoke. Contain and recover waste when possible. Collect all contaminated materials and clean the contaminated area. Do not disperse using water.

- Note:
1. The information provided in this form may change due to variations in the process of generating the wastes
  2. In the event of any spill or accidental discharge of any scheduled wastes during transportation, the contractor shall immediately inform the occurrence to the Director General of DOE and relevant authorities (Fire & Rescue Services and the Police) as necessary
  3. The waste generator shall provide technical expertise and supporting assistance in clean-up operations.
  4. All the information provided in the Seventh Schedule/waste card generated is only applicable for waste handling by KASB. KASB will not responsible for any damage and loss if the information is being used by other party