



# انجلو جلف المحدودة

## ANGLO GULF LIMITED

### MATERIAL SAFETY DATA SHEET

#### THIODICARB 80 WG

#### 1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY.

|                |  |
|----------------|--|
| Product        | : Thiodicarb 80WG  |
| Chemical class | : Insecticide  |
| Manufacturer   | : ANGLO GULF LIMITED   |
| Address        | : P.O.Box 16887<br>Jebel Ali Free Zone, Jebel Ali, Dubai U.A.E.          |
| Tel No         | : 00971 4 8835039  |
| Fax No         | : 00971 4 8835853  |
| Email          | : <a href="mailto:agadxbme@emirates.net.ae">agadxbme@emirates.net.ae</a> |
| Website        | : <a href="http://www.anglogulf.ae">www.anglogulf.ae</a>                 |

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                                     | CAS No     | Concentration [%] |
|---|------------|-------------------|
| Thiodicarb  | 59669-26-0 | 80.00             |
| Alkyl naphthalene sulfonic acid,<br>(Sodium salt) |            | 3.00              |
| China clay  |            | 10.00             |
| Other non hazards ingredients                     |            | Q.S               |

#### 3. HAZARDS IDENTIFICATION

##### Tips for man and environment

- Toxic if swallowed.
- Irritating to eyes.
- May cause sensitization by contact with skin.
- Very toxic to aquatic organisms

#### 4. FIRST AID MEASURES

##### Inhalation

If inhaled, remove patient from contaminated atmosphere without exposing themselves same. If the patient has trouble breathing give oxygen.

##### Skin Contact

Remove contaminated clothing immediately. Rinse with soap and water. If symptoms persist, consult a physician.

##### Eye Contact

Rinse thoroughly with water for at least 15 minutes and consult a doctor.

##### Ingestion

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Rinse mouth with water. Induce vomiting if the patient is fully conscious, the time since ingestion is less than 30 minutes and no one is available to help medical (vomiting should not enter the airway). Keep your body at rest protect from heat loss. Call a doctor immediately and show the road security.

### Physician information

#### Symptoms

Symptoms of cholinesterase inhibition (gastrointestinal disturbances, dyspnea, narrowing of the airways, bradycardia, miosis, spasm, chronic). Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Risk

NOT to be confused with organophosphorus compounds! This product contains a Carbamate cholinesterase inhibitor.

#### Treatment

Monitoring respiratory and cardiac functions. Constant monitoring of blood counts and cholinesterase activity. It must perform end tracheal intubation and gastric lavage, followed by administration of charcoal.

Artificial respiration and / or oxygen may be necessary. Elimination by dialysis (forced alkaline diuresis).

Against convulsions: Give diazepam: for adults 5-10 mg intravenously if necessary until fully sedated; for children 2.5 mg intravenously.

Treatment: High dose of atropine (1 to 4 mg for adults) repeatedly until the necessary.

Recovery: spontaneous.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Dry chemical, carbon dioxide, halon, water spray or standard foam.

**Unsuitable extinguishing:** High pressure water jet media

**Special exposure hazards:** Do not release chemically contaminated water into drains, soil and surface waters.

**Special protective:** As for all fires involving chemicals: chemical protection suit, suitable gloves equipment for fire-fighters and boots, and self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment.

**Methods for cleaning up:** Do not touch spilled material. Stop leak if you can do it without risk. For small spills, take up with sand or other absorbent material and place into containers for later disposal. Move containers from spill area. For larger spills, dike far ahead of spill for later disposal. Keep unnecessary people away. Isolate hazard area and deny entry. Ventilate closed space.

**Environmental precautions:** Prevent contamination of water.

## 7. HANDLING AND STORAGE

Handling precautions Keep product in original tightly closed container; avoid exposure by inhalation; do not get on skin, eyes or clothing; do not eat, drink or smoke when handling; wash hands before eating, drinking or smoking.

Storage Store in locked, well-ventilated storeroom, away from children and unauthorized personnel, and food and animal feed.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ventilation:** Provide local exhaust or general dilution ventilation.

Exposure control limits -

**Respiratory protection:** Wear a suitable mask.

**Hand protection:** Wear rubber or plastic gloves.

**Eye protection:** Wear splash-proof or dust-resistant safety goggles.

**Skin and body protection:** Wear overalls and closed footwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                            |                         |
|----------------------------|-------------------------|
| <b>Appearance</b>          | : State Solid bait      |
| <b>Color</b>               | : White to light yellow |
| <b>Density</b>             | : 0.63 g / l            |
| <b>Solubility in water</b> | : Dispersible           |

## 10. STABILITY AND REACTIVITY.

**Stability:** Stable under normal temperatures and pressures.

**Conditions to avoid:** No special precautions other than good housekeeping of chemicals.

**Material to avoid:** Strong oxidising agents.

**Hazardous decomposition:** Thermal decomposition products may include toxic and corrosive fumes of chlorides and toxic oxides of carbon and nitrogen.

## 11. TOXICOLOGICAL INFORMATION.

|                                  |  |
|----------------------------------|--|
| <b>Acute oral toxicity</b>       | LD 50 (Rat) 129 mg / kg  |
| <b>Inhalation toxicity acute</b> | LC 50 (Rat) 0.52 mg / l Exposure time: 4 h<br>Tested on respirable fine dust.<br>Not relevant due to the low dust formation. |
| <b>Acute dermal toxicity</b>     | LC 50 (Rat) > 2,000 mg / l   |
| <b>Skin irritation</b>           | Slight irritant effect - does not require labeling (rabbit)  |
| <b>Eye irritation</b>            | Irritating to eyes. (Rabbit)<br>Classification: Irritating to eyes.  |
| <b>Awareness</b>                 | Sensitizing (Rabbit)<br>Rating: May cause sensitization by skin contact.<br>OECD 406, Buehler test                           |

## 12. ECOLOGICAL INFORMATION.

### Ecotoxicological effects

|  |   |
|--|---|
| <b>Toxicity to fish</b>                  | LC 50 (Rainbow trout) 0.59 mg / l Exposure time: 96 h             |
| <b>Toxicity to daphnia</b>               | EC 50 (Daphnia) 0.027 mg / l Exposure time: 48 h                  |
| <b>Toxicity to algae</b>                 | EC 50 (Selenastrum capricornutum) > 18 mg / l Exposure time: 72 h |
| <b>Additional ecological information</b> | Very toxic to aquatic organisms. Not hazardous to bees.           |



### 13. DISPOSAL CONSIDERATIONS

#### Pesticide disposal

Burn in high temperature incinerator with effluent EC rubbing or bury in a specially designated landfill. Always dispose of in accordance with local regulations.

#### Container disposal

Contaminated packaging material should be treated as the Product.

### 14. TRANSPORT INFORMATION.

#### ADR /RID / ADNR

|                     |   |
|---------------------|---|
| UN No               | 2757  |
| Group               | 6.1   |
| Packing Group       | III   |
| No risk.            | 60  |
| Product Description | UN 2757 PESTICIDE DECARBAMATO BASE SOLID TOXIC (Thiodicarb 80%) |

#### IMDG

|                     |   |
|---------------------|---|
| UN No               | 2757  |
| Class               | 6.1   |
| Packing Group       | III   |
| Marine Pollutant    | Marine Pollutant  |
| Product Description | PESTICIDE, SOLID, TOXIC, A BASE DECARBAMATO (Thiodicarb 80%) CARBAMATE PESTICIDE, SOLID, TOXIC (Thiodicarb MIXTURE) |

#### IATA

|                     |   |
|---------------------|---|
| UN No               | 2757  |
| Class               | 6.1   |
| Packing Group       | III   |
| Product Description | BASE DE CARBAMATE PESTICIDE, SOLID, TOXIC (Thiodicarb 80%) CARBAMATE PESTICIDE, SOLID, TOXIC (Thiodicarb MIXTURE) |

### 15. REGULATORY INFORMATION.

#### Hazard symbol the harmful symbol (Xn)

The dangerous for the environment symbol (N)

Risk phrases R10 - Flammable.

R20/22 - Harmful by inhalation and if swallowed.

R36 - Irritating to the eyes.

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 - Harmful: may cause lung damage if swallowed.

Safety phrases S2 - Keep out of the reach of children.

S13 - Keep away from food, drink and animal feeding stuffs.

S20/21 - When using do not eat, drink or smoke.

S23 - Do not breathe gas/fumes/vapour/spray.

S24/25 - Avoid contact with skin and eyes.

S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

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S29/56 - Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.

S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### 16. OTHER INFORMATION

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of work place risk as required by other health and safety legislation.

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