

## Material Safety Data Sheet

### דיביקן - Dibican

Revised: 23.05.12

Previous revision date: 21.09.11

#### 1. IDENTIFICATION OF SUBSTANCE AND COMPANY

**Common name:** Dibican

**Use:** Herbicide

**Formulation Type:** SL

**Manufacturer:** Tapazol Chemical works ltd.

**Address:** HaSolela 1, West ind. Zone, Beit Shemesh, 99052.

**Tel:** 972-2-992-6040 **Fax:** 972-2-9926050 **e-mail:** [info@tapazol.co.il](mailto:info@tapazol.co.il)

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS no.	Quantity (g/l)
2,4-DB	94-82-6	400
Other non-hazardous materials	N/A	Till 1 liter

#### 3. HAZARDS IDENTIFICATION

Harmful if swallowed and in contact with skin. May cause eye irritation.

Toxic to aquatic organisms.

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#### 4. FIRST AID MEASURES

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**Eyes:** Flush eyes with large amounts of water while eyelids are open. If irritation develops and persists, get medical attention.

**Skin:** Flush with large amounts of water. Remove grossly contaminated clothing, including shoes, and launder before reuse. If irritation develops and persists, get medical attention.

**Ingestion:** If swallowed, DO NOT induce vomiting. Keep at rest and get prompt medical attention.

**Inhalation:** Immediately remove the affected victim from exposure to an area of fresh air. Administer artificial respiration if breathing has stopped. Keep at rest and call for prompt medical attention.

**Note to physician:** No specific antidote, treat symptomatically.

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#### 5. FIRE-FIGHTING MEASURES

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**Flash point:** N/A.

**Flammable properties:** Not flammable or explosive.

**Extinguishing media:** Water spray, foam, dry chemical, CO<sub>2</sub>.

**Protective equipment:** Full protective gear and self-contained breathing apparatus.

**Hazardous products of combustion may include:** Smoke, toxic and irritating gases such as CO, CO<sub>2</sub>.

**More information:** Do not allow run-off from the fire enter drains or water courses.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal protection:** Wear personal protective equipment as prescribed in section 8 – "Exposure controls/Personal protection".

**Environmental Protection:** Prevent the material from entering sewage and water courses.

**Procedure:** Absorb with material such as sand or earth and collect into containers for disposal. Dike area in case of large spills. Report large spills. For spills in public area, keep public away and advise local authorities. Wash clothes, equipment and work area after cleaning.

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## 7. HANDLING AND STORAGE

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**Storage:** Store in tightly closed original container in a cool, dry, well-ventilated area out of direct sunlight and out from the reach of children. Do not store with food, feedstuffs, fertilizers and seeds.

**Handling:** Wear personal protective equipment as prescribed in section 8 – "Exposure controls/Personal protection".

Do not eat, drink or smoke while handling.

Change clothes and wash thoroughly when finishing working with the product.

Wash working clothes in separate from household laundry and do not re-use clothes that are not washed.

See product label for further handling/storage precautions relative to the end use of this product.

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

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**Engineering controls:** If airborne mists or vapors are likely to be generated, use local exhaust ventilation controls. Ventilate all transport vehicles prior to unloading.

**Eye/ Face protection:** If there is splash hazard, chemical goggles with side shields are required.

**Skin/Body protection:** Long working clothes, closed shoes with socks and chemical resistant gloves (neoprene).

**Respiratory protection:** If airborne concentration may be high, an approved air-purifying respirator is needed.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** Amber liquid of slightly phenolic odor.

**Boiling point:**  $>100^{\circ}\text{C}$ .

**pH:** 7-8.

**Specific gravity:** 1.12.

**Water Solubility:** Soluble.

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## 10. STABILITY AND REACTIVITY

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**Chemical stability:** Stable under ordinary conditions of use and storage.

**Conditions to avoid:** Heat, flame, ignition sources, strong acids and bases.

**Hazardous polymerization:** Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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**Acute toxicity:**

**Oral:** LD50 for rat: 3136 mg/kg.

**Dermal:** Harmful in contact with skin.

**Inhalation:** LC50 (4h) for rat: >3.7mg/l.

**Eye irritation:** May cause irritation.

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## 12. ECOLOGICAL INFORMATION

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For AI 2,4-DB:

**Daphnia:** EC50 (48h): 25 mg/l.

**Bees:** Not toxic to bees.

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## 13. DISPOSAL CONSIDERATIONS

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Dispose of according to local regulations. Avoid entry of product into sewer system or water surfaces.

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## 14. TRANSPORT INFORMATION

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Not classified as dangerous goods for transportation.

**Proper Shipping name, UN no., Class, Packaging group:** N/A.

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## 15. REGULATORY INFORMATION

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### R phrases:

R36: Irritating to eyes

R21/22: Harmful in contact with skin, Harmful if swallowed

R51/53: Toxic to aquatic organisms, May cause long-term adverse effects in the aquatic environment

### S phrases:

S13: Keep away from food, drink and animal feeding stuffs

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

S49: Keep only in the original container

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## 16. OTHER INFORMATION

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**Disclaimer:** The information provided by TAPAZOL CHEMICAL WORKS Ltd. In the above document is given in good faith and to the best of our knowledge. However, no warranty is expressed or implied.



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