

Αριθ. 72213

(3)

Τεχνικές προδιαγραφές τεχνικά καθαρού και σκευασμάτων diazinon.

**Ο ΥΠΟΥΡΓΟΣ ΓΕΩΡΓΙΑΣ**

Έχοντας υπόψη:

1. Τις διατάξεις του Ν. 721/77 «για την έγκριση κυκλοφορίας και τον έλεγχο των γεωργικών φαρμάκων» και ειδικότερα την παρ. δ του άρθρου 14 του νόμου αυτού.

2. Τη γνωμοδότηση 3/1η Συνεδρίαση/2.2.88 του Α.ΣΥ.ΓΕ.Φ

3. Τις 344172/7.3.86 (ΦΕΚ 318/Β/86), 260347/87 (ΦΕΚ 83/Β/87) κοινές αποφάσεις του Πρωθυπουργού και του Υπουργού Γεωργίας για την ανάθεση αρμοδιοτήτων Υπουργού Γεωργίας στους Υφυπουργούς Δ. Πιτσιώρη και Κ. Τσιγαρίδα. αποφασίζουμε:

Ορίζουμε ότι:

1. Από 1.9.88 και μετά οι ποσότητες του τεχνικά καθαρού diazinon που εισάγονται με σκοπό να τυποποιηθούν σε σκευάσματα που θα κυκλοφορήσουν στη χώρα μας θα έχουν προδιαγραφές σύμφωνες με τις περιγραφόμενες από τη σχετική έκδοση του FAO 1973 (Specification Code 15/1 (S)/5).

2. Από 1.1.89 τα σκευάσματα diazinon που εισάγονται ή διατίθενται σε λιανική πώληση θα έχουν τις αντίστοιχες προδιαγραφές του FAO 1973 και συγκεκριμένα:

α) Βρέξιμες σκόνες (dispersible powders, WP) θα συμφωνούν με FAO provisional Specification Code 15.3./(S)5.

β) Τα υγρά γαλακτοματοποιήσιμα (Emulsifiable concentrates, EC) θα συμφωνούν με FAO Provisional Specification Code 15/5/(S)/5.

Η απόφαση αυτή να δημοσιευθεί στην Εφημερίδα της Κυβερνήσεως.

Αθήνα, 13 Απριλίου 1988

Ο ΥΠΟΥΡΓΟΣ  
Δ. ΠΙΤΣΙΩΡΗΣ

**ΠΑΡΑΡΤΗΜΑ Χ**

**DIAZINON TECHNICAL  
(With or Without Stabilizer)**

FAO Provisional Specification Code 15/1/(S)/5:

**.1 DESCRIPTION**

The material shall consist, essentially, of diazinon and shall be a yellow to brown liquid, free from extraneous materials and added modifying agents, other than the stabilizer.

**.2 ACTIVE INGREDIENT**

.2.1 Identity (Method 15/1/m/1.7: see note 1, p. 20).

If required, the identity shall be determined.

.2.2 Diazinon (See CIPAC I, p. 316, section 1.2, method 15/1/M/1.2).

.2.2.1 Minimum Content

Minimum: 95.0%

.2.2.2 Declared Content

The diazinon content shall be declared and, when determined, the content obtained shall not differ from that declared by more than  $\pm 2$  percentage units.

#### .2.2.3. Stabilizer

When a stabilizer (s) is added, its content shall be stated and, in such a case, the minimum content of diazinon might be reduced in a corresponding amount up to 10%.

### .3 IMPURITIES

.3.1. Material Insoluble in Acetone (Ibid, p. 320, section 1.4, method 15/1/M/1.4).

Maximum: 0.15%.

.3.2. Acidity (Ibid, p. 320, section 1.3., method 15/1/M/1.3).

Maximum: 0.03%, calculated as  $H_2SO_4$ .

.3.3. Water Content (Ibid, p. 320, section 1.5, method 15/1/M/1.5).

Maximum: 0.06%

### .4. CONTAINERS

They shall be suitable, clean, dry, and as specified in the order. They shall not affect, or be affected by, the product, but shall adequately protect it from external influences.

They shall comply with pertinent national and international transport and safety regulations.

## ΠΑΡΑΡΤΗΜΑ XI

### DIAZINON DISPERSIBLE POWDERS

FAO Provisional Specification Code 15/3/(S)/5:

#### .1 DESCRIPTION

The product shall consist of a homogeneous mixture containing diazinon as the only active ingredient, together with fillers and any necessary formulants. It shall be a fine powder, free from visible extraneous materials and hard aggregates, and shall be white to cream unless otherwise agreed.

The diazinon contained in the product shall comply (see note 5, p. 20) with the specification for «Diazinon Technical» (15/1(S)/5: see p. 4).

#### .2 ACTIVE INGREDIENT

.2.1. Identity (Method 15/3/(M)/1.11: see note 1, p. 20).

If required, the identity shall be determined.

.2.2. Diazinon (See CIPAC I, p. 323, section 1.2, method 15/3/M/1.2.).

The diazinon content shall be declared and, when determined, the content obtained shall not differ from that declared by more than the following amounts:

Declared Content	Permitted Tolerance
Up to 40%	$\pm 5\%$ of the declared content
Above 40%	$\pm 2$ percentage units

#### .3 IMPURITIES

.3.1 pH (Ibid, p. 1008, MT/75)

Minimum: 7.0.

Maximum: 10.5.

#### .4 PHYSICAL PROPERTIES

.4.1. Wet Sieve Test (Ibid, p. 323, section 1.4, method 15/3/M/1.4)

Minimum: Not less than 98% of the product shall pass through a 75 $\mu$ m test sieve.

.4.2 Suspending Ability (Ibid, p. 323, section 1.5, method 15/3/M/1.5)

A minimum of 50% of the diazinon content declared under .2.2. shall be in suspension after 30 min, in CIPAC Standard Water A (see note 3, p. 20) when tested on the product as received and in CIPAC Standard Water D (see note 4, p. 20) after the Heat Stability test.

Alternatively, if the buyer requires other CIPAC Standard Waters to be used, he should specify accordingly when ordering.

.4.3 Wettability of the Powder (Ibid, p. 325, section 1.6, method 15/3/M/1.6).

It shall be completely wetted in not more than 1 min., without swirling.

.4.4 Persistent Foam (Ibid, p. 325, section 1.7, method 15/3/M/1.7).

Maximum: 25 ml of foam after 1 min.

### .5 STORAGE STABILITY

.5.1. Heat Stability (Ibid, p. 325, section 1.8, method 15/3/M/1.8).

After storage at  $54 \pm 2^\circ C$  for 14 days, the product shall continue to comply with .2.2. (except that the minimum permitted diazinon content shall be 90% of that declared under .2.2), and with .3.1, .4.1 and .4.3.

### .6 CONTAINERS

The product shall be packed in suitable, clean, dry containers as specified in the order. The container shall provide all necessary protection against compaction, atmospheric moisture, oxidation, loss by vaporization and/or contamination with the container material to ensure that the product suffers no deterioration under normal transit and storage conditions.

The product shall be protected by an adequate moisture barrier. This shall be an inner bag of polyethylene (see note 6, p. 20), or alternative means of giving equal or better protection.

Containers shall comply with pertinent national and international transport and safety regulations.

### .7 BIOLOGICAL PROPERTIES

#### \*\*\*.7.1 Phytotoxicity

At the present stage of our Knowledge, no tests can be specified to cover phytotoxicity of formulations to crops.

When a certain crop is not specifically mentioned in the instructions for use, purchasers should check with the supplier to ensure that the material is suitable, always provided that the proposed use is not restricted or legally forbidden.

#### \*\*\*For information

\*\*\*.7.2 Wetting of Crops (Ibid, p. 325, section 1.9, method 15/3/M/1.9).

The dilute spray shall satisfactorily wet the leaves of the specified crops when used in accordance with the instructions.

However, owing to wide variations in crops and pests, no specific figures can be assigned to wetting of crops, but this test may prove useful.

## ΠΑΡΑΡΤΗΜΑ XII.

### DIAZINON EMULSIFIABLE CONCENTRATES

FAO Provisional Specification Code 15/5/(S)/5:

#### .1. DESCRIPTION

The product shall consist of an emulsifiable concentrate based on diazinon as the only active ingredient, together with suitable solvents and any necessary formulants. It shall be free from visible suspended matter and sediment.

The diazinon contained in the product shall comply (see note 5, p.20) with the specification for «Diazinon Technical» (15/1(S)/5: see p.4)

#### .2. ACTIVE INGREDIENT

.2.1 Identity (Method 15/5/m/1.11, see note 1, p.20)

If required, the identity shall be determined.

.2.2 Diazinon (See CIPAC I, p. 328, section 1.3, method 15/5/M/1.3)

The diazinon content shall be declared (% w/w and/or g/l at 20 $^\circ$  C) and, when determined, the content obtained shall not differ from the declared content by more than the following amounts:

Declared Content	Permitted Tolerance
Up to 40% or 400 g/l	$\pm 5\%$ of the declared content
Above 40% or 400 g/l	$\pm 2$ percentage units or $\pm 20$ g/l

#### .3 IMPURITIES

.3.1 Acidity (Ibid, p. 328, section 1.4, method 15/5/M/1.4)

Maximum: 0.05%, calculated as  $H_2SO_4$ .

.3.2 Water (Ibid, p. 328, section 1.6, method 15/5/M/1.6)

Maximum: 0.2% (see note 9, p.21).

#### .4 PHYSICAL PROPERTIES

.4.1 Emulsion stability and Re-emulsification (Ibid, p. 328, section 1.8, method 15/5/M/1.8)

After the Heat Stability test (.5.2), the product, when diluted at 30 $^\circ$  C (see note 10, p.21) with the specified CIPAC Standard Waters, shall comply with the following:

Time after Dilution	Limits of Stability
0 h	Initial Emulsifiability: complete
0.5 h	Cream: maximum 1 ml
2.0 h	Cream: maximum 4 ml Free oil: nil
24.0 h	Re-emulsification: complete
24.5 h	Cream: maximum 4 ml Free oil: maximum 2 ml

The product shall be tested in Standard Water A and in Standard Water D (see note 4, p.20 and note 11, p.21).

\*\*\* .4.2 Flash point (Ibid, p. 328, section 1.5, method 15/5/M/1.5)

The flash point of the product shall not be lower than the minimum declared flash point (see note 7, p.20). The procedure used shall be stated, (e.g., Abel Method).

\*\*\*For information

#### .5 STORAGE STABILITY

.5.1 Low Temperature Stability (Ibid, p.328, section 1.7, method 15/5/M/1.7)

After storage at 0°C (see note 8, p.20) for 7 days the volume of solid and/ or liquid which separates shall be not more than 0.3%.

.5.2. Heat Stability (Ibid, p.328, section 1.9, method 15/5/M/1.9)

After storage at  $65 \pm 2^\circ\text{C}$  for 14 days the concentrate shall continue to comply with .2.2 (except that the minimum permitted diazinon content shall be 90% of that declared under .2.2) and with .3.1, .3.2 and .4.1.

#### .6 CONTAINERS

Containers shall be lined, where necessary, with a suitable material or the interior surfaces shall be treated to prevent corrosion and/or deterioration of the contents.

They shall comply with pertinent national and international transport and safety regulations.

#### .7 BIOLOGICAL PROPERTIES

.7.1 Phytotoxicity

At the present stage of our knowledge, no tests can be specified to cover phytotoxicity of formulations to crops.

When a certain crop is not specifically mentioned in the instructions for use, purchasers should check with the supplier to ensure that the material is suitable, always provided that the proposed use is not restricted or legally forbidden.

\*\*\*For information

\*\*\* .7.2 Wetting of crops (Ibid, p.328, section 1.10, method 15/5/M/1.10)

The dilute spray shall satisfactorily wet the leaves of the specified crops when used in accordance with the instructions.

However, owing to wide variations in crops and pests, no specific figures can be assigned to wetting of crops, but this test may prove useful.

\*\*\* For information

