

## F O L P A N

Fungicide

FOL - P

Pure Compound (Analytical grade)

July 1983

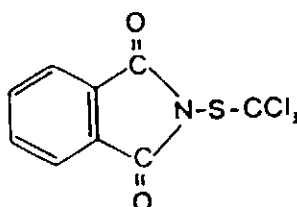
Chemical name:

N-(trichloromethylthio)phthalimide

Common name:

Folpet

Structural formula:



Empirical formula:

C<sub>9</sub>H<sub>4</sub>Cl<sub>3</sub>NO<sub>2</sub>

Molecular weight

296.56

Appearance:

white crystalline solid

Odour:

characteristic odour

Melting point:

177°C

Boiling point:

150°C at 0.02 mm Hg

Vapour pressure:

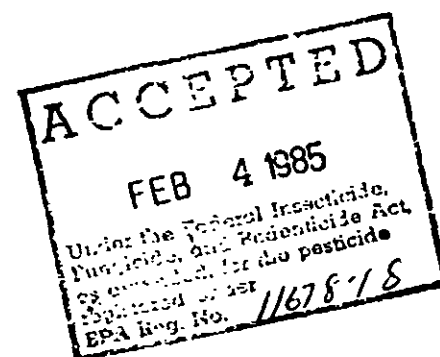
no appreciable volatility at ordinary temperature

Solubility:

insoluble in water, very low solubility in aliphatic hydrocarbon solvents. Low solubility in aromatic, polar, oxygenated, and halocarbon solvents.

Stability:

stable when stored in dry conditions at ambient or lower temperatures; not stable under alkaline conditions.



**MAKHTESHIM-AGAN**

MAKHTESHIM - AGAN



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Cables: Makhteshim

These Data Sheets  
are informative  
Specifications are  
given for guidance  
only and are liable  
to variation  
Specifications can  
be adapted to  
customers' require-  
ments and will be  
confirmed in  
correspondence

## F O L P A N

### Fungicide

FOL - TOX

### Toxicity Data

July 1983

#### Acute oral toxicity

LD<sub>50</sub> rats: >9000 mg/kg

#### Acute dermal toxicity

LD<sub>50</sub> rabbits: >4500 mg/kg

#### Inhalation toxicity

LC<sub>50</sub> (4 h) rats: 0.92-2.07 mg/l of air

#### Eye irritation

rabbits: non-irritating

#### Skin irritation

rabbits: low irritation

#### Chronic toxicity

rats: a 17-month feeding study with rats showed a "no observed effect" level of 3200 mg/kg;  
dogs: the "no observed effect" level for dogs was established at 10,000 mg/kg

#### Acceptable daily intake

man: 0.1 mg/kg day

2/...



**MAKHTESHIM-AGAN**

Kor Chemical Company Ltd. P.O. Box 5378, Tel Aviv 6105, Israel  
Agricultural Division, P.O. Box 84100, Tel Aviv 6108, Israel

Wild life toxicityBirds:

LD<sub>50</sub> young mallards: 2000 mg/kg

Fish:

LC<sub>50</sub> (24 h) juvenile white mullet: 1.56 ppm

LC<sub>50</sub> (24 h) long nose killifish: 2.55 ppm

PRECAUTIONARY LABELLING

Keep out of reach of children and domestic animals. Avoid repeated skin contact. Avoid inhalation of mist or dust. Do not take internally. Avoid contamination of feed and foodstuffs, and water supplies. Wash thoroughly after handling. Store in a cool, dry area, in closed packages.

FIRST AID

Due to the extremely low toxicity, no operational poisoning is anticipated. In case of accidental swallowing, induce vomiting and call a physician immediately. In case of contact with skin, wash affected area with ample fresh water. In case of contact with eyes, flush with running water for at least 10 minutes.

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HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS  
CAUTION

Causes skin and eye irritation.  
May be harmful if swallowed or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Use with adequate ventilation. Wash thoroughly after handling. Do not contaminate food or foodstuffs.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public water except in accordance with a NPDES permit. For further guidance contact the nearest EPA Regional Office.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Formulators using this product are responsible for obtaining EPA Registration for their formulated product.

For the manufacture of fungicides only.

STORAGE AND DISPOSAL

Storage: Do not contaminate water, food, or feed by storage or disposal. Store in a dry place.

Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

In case of minor spills, follow all precautions indicated above and cleanup immediately. Sweep up and dispose of wastes and broken or empty containers in a landfill approved for pesticide use.

Refer to technical bulletin for further information on specification of Folpan (Folpet) Technical.

ACCEPTED  
FEB 4 1985

FOLPAN (FOLPET) TECHNICAL  
For the Manufacture of Fungicide Only

ACTIVE INGREDIENT:

Folpet N-(Trichloromethyl thio) phthalimide.....	90%
RELATED COMPOUNDS.....	10%
TOTAL.....	100%

KEEP OUT OF REACH OF CHILDREN  
CAUTION

Statement of Practical Treatment

- If swallowed - May be harmful.
- Inhalation - Avoid breathing vapors or dust.
- If in eyes - Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
- If on skin - Wash skin with soap and water.

See side pannel for additional precautionary statement

Warranty Statement:

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instruction or under adnormal conditions or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

Manufactured by:

MAKHTESHIM CHEMICAL WORKS LTD.  
c/o Makhteshim-Agan (America) Inc.  
2 Park Avenue  
New York, N.Y. 10016  
EPA Reg. No. 11678-18  
EPA Est. No. 11678-1S-01  
Net Weight:

## HAZARDS TO HUMANS AND

### DOMESTIC ANIMALS

#### CAUTION

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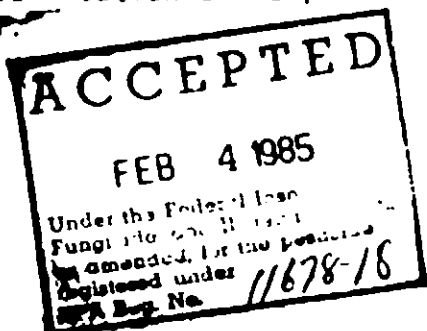
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