



# ROTAPRID® 70 WG

(Imidacloprid 700 g/kg)

HOJA DE SEGURIDAD

according to Regulation (EC) No. 453/2010

Revision date: 28-03-2020

Version: 2.2

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name : ROTAPRID® 70 WG (Imidacloprid 700 g/kg)  
Product code : FI-056

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Main use category : Professional use  
Use of the substance/preparation : Insecticide to be used by professionals for agriculture

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Rotam Agrochemical Company Ltd  
Unit 6, 26/F Trend Centre, 29 Cheung Lee Street, Chai Wan, Hong Kong  
Tel.: 852-2896 0662 Fax : 852-2558 6577  
[msds@rotam.com](mailto:msds@rotam.com)

### 1.4. Emergency telephone number

Emergency number : (86) 532 8388 9090

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 4 (Oral) H302

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

Full text of H-phrases: see section 16

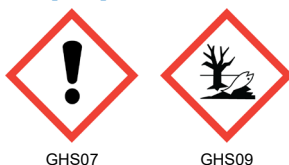
Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) : Warning  
Hazard statements (CLP) : H302 - Harmful if swallowed  
H410 - Very toxic to aquatic life with long lasting effects  
Precautionary statements (CLP) : P264 - Wash skin thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product  
P273 - Avoid release to the environment  
P301+P312 - If swallowed, call a doctor if you feel unwell.  
P330 - Rinse mouth.  
P391 - Collect spillage  
P501 - Dispose of contents/container to local regulation.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	g/kg	Classification according to Directive 67/548/EEC
Imidacloprid (Iso); 1-(6-Chloropyridin-3-Ylmethyl)-N-Nitroimidazolidin-2-Ylidenamine	(CAS No.) 138261-41-3 (EC no) 428-040-8 (EC index no) 612-252-00-4	700	Xn; R22 N; R50/53

Name	Product identifier	g/kg	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Imidacloprid (Iso); 1-(6-Chloropyridin-3-Ylmethyl)-N-Nitroimidazolidin-2-Ylidenamine	(CAS No.) 138261-41-3 (EC no) 428-040-8 (EC index no) 612-252-00-4	700	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of R-, H- and EUH-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Call a physician or poison control center immediately.
First-aid measures after ingestion	: Induce vomiting by giving a mixture of warm water with salt.
First-aid measures after inhalation	: Move the affected person to a place with fresh air and maintain at rest until recovered.
First-aid measures after eye contact	: Clean the eye with abundant water for 15 minutes.
First-aid measures after skin contact	: If there is contact with skin, clean with abundant water and soap, remove all contaminated clothing and clean skin with water and soap.

### 4.2. Most important symptoms and effects, both acute and delayed

No additional information available

### 4.3. Indication of any immediate medical attention and special treatment needed

Call a physician or poison control center immediately.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO <sub>2</sub> ).
Unsuitable extinguishing media	: high volume water jet.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide, nitrogen oxides (NO <sub>x</sub> ).
Explosion hazard	: Product is not explosive.
Reactivity	: The product is stable at normal handling- and storage conditions.

### 5.3. Advice for firefighters

Precautionary measures fire	: Wear self-contained breathing apparatus and protective suit (see item 8).
Firefighting instructions	: Prevent runoff from entering drains, sewers or waterways.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment	: Wear personal protective equipment.
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#### 6.1.2. For emergency responders

Protective equipment	: Wear a self-contained breathing apparatus and appropriate personal protective equipment (PPE).
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### 6.2. Environmental precautions

Do not allow material to contaminate ground water system.

### 6.3. Methods and material for containment and cleaning up

For containment	: Sweep or shovel spills into appropriate container for disposal.
Methods for cleaning up	: Large spills: scoop solid spill into closing containers. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Additional hazards when processed	: Wear proper protective equipment.
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Precautions for safe handling : Do NOT get in eyes, on skin or on clothing.

### 7.2. Conditions for safe storage, including any incompatibilities

No additional information available

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Light beige
Odour	: Characteristic odour
Odour threshold	: No data available
pH	: 6-9
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.7404 g/ml
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive.
Oxidising properties	: Oxidising liquids Not classified.
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is stable at normal handling- and storage conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

All heat sources.

### 10.5. Incompatible materials

Strong acids, strong bases and oxidation agents.

### 10.6. Hazardous decomposition products

No additional information available

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

ROTAPRID® 70 WG (Imidacloprid 700 g/kg)	
LD50 oral rat	2000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 inhalation rat (mg/l)	> 5.0 mg/l/4h

Skin corrosion/irritation	: Not irritant to skin
Serious eye damage/irritation	: Slightly irritant to eyes
Respiratory or skin sensitisation	: Did not cause sensitisation
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

ROTAPRID® 70 WG (Imidacloprid 700 g/kg)	
LC50 fish	> 100 mg/l
EC50 Daphnia	19.72 - 39.61 mg/l
EC50 other aquatic organisms	0.055 mg/l (Chironomus riparius, for active ingredient, EU pesticide review report)
ErC50 (algae)	> 100 mg/l

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

No additional information available

### SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

#### 14.1. UN number

UN-No. : 3077

#### 14.2. UN proper shipping name

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Imidacloprid)  
Transport document description : UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Imidacloprid) 9, III, (E)

#### 14.3. Transport hazard class(es)

Class (UN) : 9  
Hazard labels (UN) : 9



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### 14.4. Packing group

Packing group (UN) : III

### 14.5. Environmental hazards

Dangerous for the environment :



Other information : No supplementary information available.

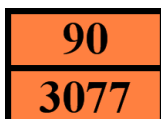
### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Hazard identification number (Kemler No.) : 90

Classification code (UN) : M7

Orange plates :



Special provision (ADR) : 274, 335, 601

Transport category (ADR) : 3

Tunnel restriction code : E

Limited quantities (ADR) : 5kg

Excepted quantities (ADR) : E1

EAC code : Z2

#### 14.6.2. Transport by sea

Not applicable

#### 14.6.3. Air transport

Not applicable

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of R-, H- and EUH-phrases::

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
H302	Harmful if swallowed
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
R22	Harmful if swallowed.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
N	Dangerous for the environment
Xn	Harmful

SDS EU (REACH Annex II)

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*Disclaimer: The information provided by Rotam Agrochemical Co., Ltd contained herein is given in good faith and correct to the best of our knowledge. However, the information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.*