



ROTAPRID® 35 SC

(Imidacloprid 350 g/L)

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® 35 SC (Imidacloprid 350 g/L)

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

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]

Extreme Tox. (Inhalation: dust, mist), Category 4 H332

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) : H332 - Harmful if inhaled

H410 - Very toxic to aquatic life with long lasting effects

Precautionary statements (CLP) : P261 – Avoid breathing dust, mist

P271 - Use only outdoors or in a well-ventilated area

P273 - Avoid release to the environment

P304+P340 - IN CASE OF INHALATION: Remove person to fresh air and keep in a position that facilitates breathing.

P312 - Call a POISON CENTER if the person is unwell

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

ROTAPRID® 35 SC

(Imidacloprid 350 g/L)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

3.2. Mixtures

Name	Product identifier	g/L	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	350	Xn; R22 N; R50/53

Name	Product identifier	g/L	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	350	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 (M=10) 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 ₂).
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 _x).
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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ROTAPRID® 35 SC

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Safety Data Sheet

according to Regulation (EC) No. 453/2010

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	: Liquid
Colour	: White
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
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)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1,135
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	: Not Oxidising.
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

ROTAPRID® 35 SC

(Imidacloprid 350 g/L)

Safety Data Sheet

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

ROTAPRID® 35 SC (Imidacloprid 350 g/L)	
LD50 oral rat	2000 mg/kg
LD50 dermal rat	> 4640 mg/kg
LC50 inhalation rat (mg/l)	2.38 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
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	: Harmful if inhaled.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - water: : Very toxic to aquatic organisms with long lasting effects

Imidacloprid (Iso); 1-(6-Chloropyridin-3-Ylmethyl)-N-Nitroimidazolidin-2-Ylidenamine (138261-41-3)	
CL ₅₀ pecces 1	211 mg/l (Trucha arcoiris)
CL ₅₀ otros organismos acuáticos 2	0,055 mg/l (<i>Chironomus riparius</i>)
CE ₅₀ Daphnia 1	85 mg/l
ErC ₅₀ (algas)	> 100 mg/l (<i>Pseudokirchneriella subcapitata</i>)

12.2. Persistence and degradability

IMAXI 35 SC (Imidacloprid 350 g/L)	
Persistence and degradability	May cause long-term negative effects on the environment.

Imidacloprid (Iso); 1-(6-Chloropyridin-3-Ylmethyl)-N-Nitroimidazolidin-2-Ylidenamine (138261-41-3)	
Persistence and degradability	May cause long-term negative effects on the environment.

12.3. Bioaccumulative potential

IMAXI 35 SC (Imidacloprid 350 g/L)	
Bioaccumulative potential	It has not been established.

Imidacloprid (Iso); 1-(6-Chloropyridin-3-Ylmethyl)-N-Nitroimidazolidin-2-Ylidenamine (138261-41-3)	
Log Pow	0.58
Bioaccumulative potential	It has not been established.

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

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendations for waste disposal : Destroy in compliance with the security conditions required by local/national legislation. Dispose of content/container according to local regulations.

Ecology - waste : Avoid release into the environment.

SECTION 14: Transport information

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

14.1. UN number

N° ONU (ADR) : 3082
N° ONU (IMDG) : 3082

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Safety Data Sheet

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N° ONU (IATA) : 3082
N° ONU (ADN) : 3082
N° ONU (RID) : 3082

14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Imidacloprid)
Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Imidacloprid)
Proper Shipping Name (IATA) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Imidacloprid)
Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Imidacloprid)
Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Imidacloprid)
Transport document description (ADR) : UN 30827 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Imidacloprid) 9, III. MARINE POLLUTANT / DANGEROUS FOR THE ENVIRONMENT
Transport document description (IMDG) : UN 30827 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Imidacloprid) 9, III. MARINE POLLUTANT / DANGEROUS FOR THE ENVIRONMENT
Transport document description (IATA) : UN 30827 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Imidacloprid) 9, III. MARINE POLLUTANT / DANGEROUS FOR THE ENVIRONMENT
Transport document description (ADN) : UN 30827 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Imidacloprid) 9, III. MARINE POLLUTANT / DANGEROUS FOR THE ENVIRONMENT
Transport document description (RID) : UN 30827 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Imidacloprid) 9, III. MARINE POLLUTANT / DANGEROUS FOR THE ENVIRONMENT

14.3. Transport hazard class(es)

ADR

Class (ADR) : 9
Hazard labels (ADR) : 9



IMDG

Class (IMDG) : 9
Hazard labels (IMDG) : 9



IATA

Class (IATA) : 9
Hazard labels (IATA) : 9



ADN

Class (ADN) : 9
Hazard labels (ADN) : 9



RID

Class (RID) : 9
Hazard labels (RID) : 9



ROTAPRID® 35 SC

(Imidacloprid 350 g/L)

Safety Data Sheet

according to Regulation (EC) No. 453/2010

14.4. Packing group


Packing group (ADR)	: III
Packing group (IMDG)	: III
Packing group (IATA)	: III
Packing group (ADN)	: III
Packing group (RID)	: III

14.5. Environmental hazards

Dangerous for the environment	: Yes
Marine pollutant	: Yes
Other information	: No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (UN)	: M6
Orange plates	: 
Special provision (ADR)	274, 335, 601, 375
Transport category (ADR)	3
Tunnel restriction code	: E1
Limited quantities (ADR)	5L
Excepted quantities (ADR)	: E1
EAC code	: •3Z

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)

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.