

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 and Regulation (EC) No. 453/2010



## NUPRID 200 SL

Version 3.0

Revision Date 04.07.2014

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

#### 1.1 Product identifier

Trade name : NUPRID 200 SL

Substance name : CA2594

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

Use of the Substance/Mixture : Insecticide

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

Company : Nufarm S.A.S  
28 boulevard Zéphirin Camélinat  
92230 Gennevilliers  
Telephone : +330140855050  
Telefax : +330147922545  
E-mail address : FDS@fr.nufarm.com  
Responsible/issuing person

#### 1.4 Emergency telephone number

Nufarm S.A.S. : +33 1 40 85 51 15  
National emergency telephone number : not available

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Skin corrosion/irritation, Category 2	H315: Causes skin irritation.
Serious eye damage/eye irritation, Category 1	H318: Causes serious eye damage.
Acute aquatic toxicity, Category 1	H400: Very toxic to aquatic life.
Chronic aquatic toxicity, Category 1	H410: Very toxic to aquatic life with long lasting effects.

##### Classification (67/548/EEC, 1999/45/EC)

R36: Irritating to eyes.

R38: Irritating to skin.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R57: Toxic to bees.

#### 2.2 Label elements

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### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word :

Danger

Hazard statements :

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements :

**Prevention:**  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ eye protection/ face protection.

**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P362 Take off contaminated clothing and wash before reuse.  
P391 Collect spillage.

**Storage:**  
P405 Store locked up.

**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Additional Labelling:

EUH401 To avoid risks to human health and the environment, comply with the instructions for use.  
SPe8 Dangerous to bees./To protect bees and other pollinating insects do not apply to crop plants when in flower/Do not use where bees are actively foraging/Remove or cover beehives during application /Do not apply when flowering weeds are present/Remove weeds before flowering.

### 2.3 Other hazards

A Chemical Safety Assessment is not required for this mixture.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Soluble concentrate(SL)

### Hazardous components

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Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Imidacloprid	138261-41-3	Xn; R22 N; R50-R53	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	17,95 %
dialkyl sulfosuccinate sodium salt	577-11-7 209-406-4	Xi; R38-R41	Eye Dam. 1; H318 Skin Irrit. 2; H315	5% - 10%
Cyclohexanone	108-94-1 203-631-1 01- 2119453616- 35-XXXX	Xn; R20/21/22 Xi; R38 R41	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H302  Skin Irrit. 2; H315 Eye Dam. 1; H318	10% - 20%

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- If inhaled : Move to fresh air.
- In case of skin contact : Take off all contaminated clothing immediately.  
Wash immediately affected parts with plenty of water and soap.
- In case of eye contact : Rinse immediately with plenty of water for at least 15 minutes.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water.  
Do NOT induce vomiting.  
If swallowed, seek medical advice immediately and show this container or label.

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

- Symptoms : No information available.

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

- Treatment : Symptomatic treatment

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Water spray, Dry powder, Foam, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during firefighting : As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. In the event of fire (CO<sub>x</sub>) may be formed.

Hazardous combustion products :

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : Use personal protective equipment. In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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### SECTION 6: Accidental release measures

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

Personal precautions : Refer to protective measures listed in sections 7 and 8. Never return spills in original containers for re-use.

#### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

#### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, universal binder ...).  
Pick up and transfer to properly labelled containers.

#### 6.4 Reference to other sections

For personal protection see section 8.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Advice on safe handling : Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8.
- Hygiene measures : Remove and wash contaminated clothing and gloves, including the inside, before re-use. Wash hands before breaks and at the end of workday.

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

- Requirements for storage areas and containers : Keep out of reach of children. Store in original container. Keep in a well-ventilated place.
- Advice on common storage : Keep away from food, drink and animal feeding stuffs.

#### 7.3 Specific end use(s)

- Specific use(s) : none

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
<b>Cyclohexane</b>	108-94-1	TWA	10 ppm	2005-04-06	GB EH40
Further information	:	Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		TWA	10 ppm 40,8 mg/m <sup>3</sup>	2000-06-16	2000/39/EC
Further information	:	skin: Identifies the possibility of significant uptake through the skinIndicative			
		STEL	20 ppm 81,6 mg/m <sup>3</sup>	2000-06-16	2000/39/EC
Further information	:	skin: Identifies the possibility of significant uptake through the skinIndicative			
		STEL	20 ppm	2005-04-06	GB EH40
Further information	:	Sk: Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

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### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Safety glasses

#### Hand protection

Material : Nitrile gloves

Skin and body protection : Long sleeved clothing

#### Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid

limpid

Colour : light yellow

Odour : no data available

Odour Threshold : no data available

pH : 5,2 - 6,8, pH of a 1% aqueous dilution

Melting point/range : not determined

144 °C Active substance

Boiling point/boiling range : Decomposition: Decomposes below the boiling point.

Flash point : > 70 °C

Evaporation rate : not applicable

Flammability (solid, gas) : not applicable

Lower explosion limit : no data available

Upper explosion limit : no data available

Vapour pressure : negligible

Relative vapour density : not applicable

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Relative density	:	no data available
Density	:	1,12 g/cm <sup>3</sup> at 20 °C
		Method: OECD Test Guideline 109
Bulk density	:	not applicable
Water solubility	:	613 mg/l Test on active ingredient at 20 °C pH: 5,5
		607 mg/l Test on active ingredient at 20 °C pH: 4
		601 mg/l Test on active ingredient at 20 °C pH: 9
Solubility in other solvents	:	50 g/l Test on active ingredient Medium: Acetone
Partition coefficient: n-octanol/water	:	log Pow: 0,57 Test on active ingredient
Ignition temperature	:	no data available
Thermal decomposition	:	no data available
Viscosity, dynamic	:	not determined
Viscosity, kinematic	:	no data available
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.

### 9.2 Other information

none

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable under recommended storage conditions.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

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Hazardous reactions : No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Conditions to avoid : No decomposition if stored and applied as directed.

### 10.5 Incompatible materials

Materials to avoid : no data available

### 10.6 Hazardous decomposition products

Hazardous decomposition products : no data available  
Other information : no data available

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Product

Acute oral toxicity	: LD50 rat: > 2.000 mg/kg Test substance: By analogy to similar product
Acute inhalation toxicity	: LC50 rat: > 7,63 mg/l Exposure time: 4 h Test substance: By analogy to similar product
Acute dermal toxicity	: LD50 rat: > 2.000 mg/kg Test substance: By analogy to similar product
Skin corrosion/irritation	: Irritating to skin.
Serious eye damage/eye irritation	: Irritating to eyes.
Respiratory or skin sensitisation	: Classification: Contains no substance or substances classified as sensitising.

STOT - single exposure : Remarks: no data available

STOT - repeated exposure : Remarks: no data available

#### Components:

##### Imidacloprid :

Acute oral toxicity : LD50 rat: ca. 500 mg/kg  
Method: OECD Test Guideline 401

LD50 mouse: 131 mg/kg



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Acute inhalation toxicity	: LC50 rat: > 5,33 mg/l Exposure time: 4 h Method: OECD Test Guideline 403
Acute dermal toxicity	: LD50 rat: > 5.000 mg/kg Method: OECD Test Guideline 402
Skin corrosion/irritation	: Species: rabbit Result: No skin irritation Method: OECD Test Guideline 404
Serious eye damage/eye irritation	: Species: rabbit Result: No eye irritation Method: OECD Test Guideline 405
Respiratory or skin sensitisation	: Result: Did not cause sensitization. Method: OECD Test Guideline 406
Carcinogenicity	: Species: Not carcinogenic
Reproductive toxicity	: Species: rat NOAEL: 20 mg/kg
Teratogenicity	: Species: rat 30 mg/kg  Species: rabbit 8 mg/kg
Further information	: Mutagenicity Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

Toxicity to fish	: LC50 ( <i>Oncorhynchus mykiss</i> (rainbow trout)): > 100 mg/l Exposure time: 96 h Test substance: By analogy to similar product
Toxicity to daphnia and other aquatic invertebrates	: EC50 ( <i>Daphnia magna</i> (Water flea)): > 524,9 mg/l Exposure time: 48 h

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Test substance: By analogy to similar product

Toxicity to algae	: EC50 ( <i>Pseudokirchneriella subcapitata</i> ): 74,3 mg/l Exposure time: 72 h Test substance: By analogy to similar product
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: EC50: 0,0184 mg/l Exposure time: 28 d Species: <i>Chironomus riparius</i> Test substance: By analogy to similar product
Toxicity to terrestrial organisms	: LC50: 74,1 mg/kg Exposure duration: 14 d Species: <i>Eisenia fetida</i> (earthworms) Test substance: By analogy to similar product
	LD50: 0,110 µg imidacloprid/bee, oral Species: <i>Apis mellifera</i> (bees) Test substance: By analogy to similar product
	LD50: 0,113 µg imidacloprid/bee, contact Species: <i>Apis mellifera</i> (bees) Test substance: By analogy to similar product
	LD50: 0,046 µg imidacloprid/bee, oral Species: <i>Bombus terrestris</i> Test substance: By analogy to similar product
	LD50: 0,830 µg imidacloprid/bee, contact Species: <i>Bombus terrestris</i> Test substance: By analogy to similar product

### Components:

#### **Imidacloprid :**

Toxicity to fish	: LC50 ( <i>Cyprinodon variegatus</i> (sheepshead minnow)): 161 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	: EC50 ( <i>Daphnia magna</i> (Water flea)): 85 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	: EbC50 ( <i>Scenedesmus subspicatus</i> ): 10 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: LC50: 0,0552 mg/l Exposure time: 24 h Species: <i>Chironomus riparius</i>

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Toxicity to terrestrial organisms : LD50: 0,0037 µg/bee, oral  
Species: Apis mellifera (bees)  
  
LD50: 0,081 µg/bee, contact  
Species: Apis mellifera (bees)

### 12.2 Persistence and degradability

#### Product:

Biodegradability : no data available

Physico-chemical removability : no data available

#### Components:

##### Imidacloprid :

Biodegradability : Not readily biodegradable

Stability in soil : DT50  
Duration of dissipation:: 106 - 193 d

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : no data available

#### Components:

##### Imidacloprid :

Bioaccumulation : No bioaccumulation.

Partition coefficient: n-octanol/water : log Pow: 0,57

### 12.4 Mobility in soil

#### Product:

Mobility : no data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : A Chemical Safety Assessment is not required for this mixture.

### 12.6 Other adverse effects

#### Product:

Additional ecological information : No other known adverse effects on the environment

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Product : Do not empty into drains.  
Dispose of in accordance with local regulations.
- Contaminated packaging : Do not re-use empty containers.  
Dispose of empty packages through the specific collection services.

### SECTION 14: Transport information

#### 14.1 UN number

- ADR : 3082  
IMDG : 3082  
IATA : 3082

#### 14.2 Proper shipping name

- ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID,  
N.O.S. (Imidacloprid)  
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID,  
N.O.S.  
IATA : ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID,  
N.O.S.

#### 14.3 Transport hazard class

- ADR : 9  
IMDG : 9  
IATA : 9

#### 14.4 Packing group

- ADR  
Hazard Identification Number : 90  
Labels : 9  
Tunnel restriction code : (E)
- IMDG  
Packaging group : III  
Labels : 9  
EmS Number : F-A,S-F
- IATA  
Packaging group : III  
Labels : 9

#### 14.5 Environmental hazards

ADR

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Environmentally hazardous : yes

### IMDG

Marine pollutant : yes

### IATA

Environmentally hazardous : yes

### 14.6 Special precautions for user

For personal protection see section 8.

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

Remarks : not applicable

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## SECTION 15: Regulatory information

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

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.

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## SECTION 16: Other information

### Full text of R-Phrases

Acute Tox.	Acute toxicity
Aquatic Acute	Acute aquatic toxicity
Aquatic Chronic	Chronic aquatic toxicity
Eye Dam.	Serious eye damage
Flam. Liq.	Flammable liquids
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R38	Irritating to skin.

### Full text of H-Statements

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

### Further information

Other information : Please note the convention used in this document for decimal points and commas for numerical values is as

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demonstrated by the example: 2,000 is two (to 3 decimal places) and not two thousand, whilst 1.000 is one thousand and not 1 (to 3 decimal places)

This version replaces all previous versions.

Alterations are indicated in the left hand margin by: II

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.