



## MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE

Version 5 / EU  
1020000126001/10  
Revision Date: 27.03.2013  
Print Date: 09.06.2015

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE  
Product code (UVP) 06531709

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

Use Insecticide

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

Supplier Bayer CropScience AG  
Alfred-Nobel-Straße 50  
40789 Monheim am Rhein  
GermanyTelefax +49(0)2173-38-7394  
Responsible Department Product Safety and Specification Management  
+49(0)2173-38-3409/3189 (during business hours only)  
Email: BCS-SDS@bayer.com

#### 1.4 Emergency telephone no.

Emergency telephone no. ZCUST-X01.00000178  
+1 (760) 476-3964 (Company 3E for Bayer CropScience)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.**

Skin sensitization: Category 1

H317 May cause an allergic skin reaction.

Chronic aquatic toxicity: Category 2

H411 Toxic to aquatic life with long lasting effects.

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

R43

N Dangerous for the environment, R51/53

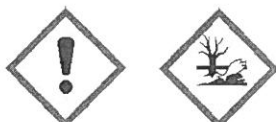
#### 2.2 Label elements

**Labelling in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, as amended.**

Hazard label for supply/use required.

Hazardous components which must be listed on the label:

- Imidacloprid



**MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE**Version 5 / EU  
1020000126002/10  
Revision Date: 27.03.2013  
Print Date: 09.06.2015Signal word:  
Warning

## Hazard statements

H317 May cause an allergic skin reaction.  
 H411 Toxic to aquatic life with long lasting effects.  
 EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

## Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P501 Dispose of contents/container in accordance with local regulation.

**2.3 Other hazards**

No other hazards known.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 Mixtures****Chemical nature**Bait (ready for use) (RB)  
Imidacloprid 2.15 % w/w**Hazardous components**

R-phrases according to EC directive 67/548/EEC

Hazard statements according to Regulation (EC) No. 1907/2006

Name	CAS-No. / EC-No.	Classification		Concentration [%]
		EC Directive 67/548/EEC	Regulation (EC) No 1272/2008	
Imidacloprid	138261-41-3 428-040-8	Xn; R22 N; R50/53	Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	2,15
1,2-Benzisothiazol- 3(2H)-one	2634-33-5 220-120-9	Xn; R22 Xi; R38, R41 R43 N; R50	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400	>= 0,05



**MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE**

Version 5 / EU  
102000012600

3/10  
Revision Date: 27.03.2013  
Print Date: 09.06.2015

Mixture of 5-Chlor-2-methyl-3(2H)-isothiazolon and 2-Methyl-2H-isothiazol-3-on	55965-84-9	T; R23/24/25 C; R34 R43 N; R50/53	Acute Tox. 3, H331 Acute Tox. 3, H311 Acute Tox. 3, H301 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	>= 0,0015
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**Further information**

Imidacloprid	138261-41-3	M-Factor: 10 (acute)
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For the full text of the R-phrases/ Hazard statements mentioned in this Section, see Section 16.

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures**

**General advice**

Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

**Skin contact**

Wash off thoroughly with plenty of soap and water, if available with polyethyleneglycol 400, subsequently rinse with water. If symptoms persist, call a physician.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation develops and persists.

**Ingestion**

Call a physician or poison control center immediately. Rinse mouth. Induce vomiting only, if: 1. patient is fully conscious, 2. medical aid is not readily available, 3. a significant amount (more than a mouthful) has been ingested and 4. time since ingestion is less than 1 hour. (Vomit should not get into the respiratory tract.)

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

Nausea, Abdominal pain, Dizziness

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

**Treatment**

Treat symptomatically.

Monitor: respiratory and cardiac functions.

In case of ingestion gastric lavage should be considered in cases of significant ingestions only within the first 2 hours. However, the application of activated charcoal and sodium sulphate is always advisable.

There is no specific antidote.

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media**



## MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE

Version 5 / EU  
102000012600

4/10  
Revision Date: 27.03.2013  
Print Date: 09.06.2015

### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **Unsuitable extinguishing media**

High volume water jet

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

Dangerous gases are evolved in the event of a fire.

### **5.3 Advice for firefighters**

#### **Special protective equipment for fire-fighters**

In the event of fire and/or explosion do not breathe fumes.

In the event of fire, wear self-contained breathing apparatus.

#### **Further information**

Contain the spread of the fire-fighting media.

Do not allow run-off from fire fighting to enter drains or water courses.

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## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

Avoid contact with spilled product or contaminated surfaces.

Use personal protective equipment.

### **6.2 Environmental precautions**

Do not allow to get into surface water, drains and ground water.

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

#### **Methods for cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Clean contaminated floors and objects thoroughly, observing environmental regulations.

Keep in suitable, closed containers for disposal.

### **6.4 Reference to other sections**

Information regarding safe handling, see section 7.

Information regarding personal protective equipment, see section 8.

Information regarding waste disposal, see section 13.

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## **SECTION 7: HANDLING AND STORAGE**

### **7.1 Precautions for safe handling**

#### **Advice on safe handling**

No specific precautions required when handling unopened packs/containers; follow relevant manual handling advice.

Avoid contact with skin, eyes and clothing.

#### **Advice on protection against fire and explosion**

No special precautions required.



**MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE**

Version 5 / EU  
102000012600

5/10  
Revision Date: 27.03.2013  
Print Date: 09.06.2015

**Hygiene measures**

Avoid contact with skin, eyes and clothing.  
Keep working clothes separately.  
Wash hands before breaks and immediately after handling the product.  
Wash hands immediately after work, if necessary take a shower.  
Remove soiled clothing immediately and clean thoroughly before using again.  
Garments that cannot be cleaned must be destroyed (burnt).

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

**Requirements for storage areas and containers**

Store in original container.  
Keep containers tightly closed in a dry, cool and well-ventilated place.  
Store in a place accessible by authorized persons only.

**Advice on common storage**

Keep away from food, drink and animal feedingstuffs.

**7.3 Specific end uses**

Refer to the label and/or leaflet.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

Components	CAS-No.	Control parameters	Update	Basis
Imidacloprid	138261-41-3	0,7 mg/m <sup>3</sup> (TWA)		OES BCS*

\*OES BCS: Internal Bayer CropScience "Occupational Exposure Standard"

**8.2 Exposure controls**

**Personal protective equipment**

In normal use and handling conditions please refer to the label and/or leaflet. In all other cases the following recommendations would apply.

Respiratory protection	No personal respiratory protective equipment normally required. Respiratory protection should only be used to control residual risk of short duration activities, when all reasonably practicable steps have been taken to reduce exposure at source e.g. containment and/or local extract ventilation. Always follow respirator manufacturer's instructions regarding wearing and maintenance.
Hand protection	Wear CE Marked (or equivalent) nitrile rubber gloves (minimum thickness 0,40 mm). Wash when contaminated. Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed. Wash hands always before eating, drinking, smoking or using the toilet.
Eye protection	Wear goggles conforming to EN166 (Field of Use 5 or equivalent).
Skin and body protection	Wear standard coverall and type 4 suit. If there is a risk of significant exposure, consider a higher protective type suit.



## MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE

Version 5 / EU  
1020000126006/10  
Revision Date: 27.03.2013  
Print Date: 09.06.2015

Wear two layers of clothing wherever possible. Polyester/cotton or cotton overalls should be worn under chemical protection suit and should be professionally laundered frequently.  
If chemical protection suit is splashed, sprayed or significantly contaminated, decontaminate as far as possible, then carefully remove and dispose of as advised by manufacturer.

### Protective measures

If product is handled while not enclosed, and if contact may occur:  
Complete suit protecting against chemicals

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Form	gel
Colour	light to dark brown
Odour	strong, characteristic
pH	5,0 - 6,0 at 1 % (23 °C) (deionized water)
Flammability (solid, gas)	The product is not highly flammable.
Autoignition temperature	The product is not self-ignitable.
Viscosity, dynamic	35.000 - 60.000 mPa.s at 20 °C Velocity gradient 7,3 /s
Oxidizing properties	No oxidizing properties
Explosivity	Not explosive 92/69/EEC, A.14 / OECD 113

### 9.2 Other information

Further safety related physical-chemical data are not known.

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

**Thermal decomposition**  
362 °C

**Self heating**  
not self-heating

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions



## MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE

Version 5 / EU  
102000012600

7/10  
Revision Date: 27.03.2013  
Print Date: 09.06.2015

No hazardous reactions when stored and handled according to prescribed instructions.

### 10.4 Conditions to avoid

Extremes of temperature and direct sunlight.

### 10.5 Incompatible materials

Store only in the original container.

### 10.6 Hazardous decomposition products

No decomposition products expected under normal conditions of use.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

- |                           |   |
|---------------------------|---|
| Acute oral toxicity       | LD50 (rat) > 5.000 mg/kg<br>Test conducted with a similar formulation.        |
| Acute inhalation toxicity | During intended and foreseen applications, no respirable aerosol is formed.   |
| Acute dermal toxicity     | LD50 (rat) > 5.000 mg/kg<br>Test conducted with a similar formulation.        |
| Skin irritation           | No skin irritation (rabbit)<br>Test conducted with a similar formulation.     |
| Eye irritation            | No eye irritation (rabbit)<br>Test conducted with a similar formulation.      |
| Sensitisation             | Sensitising (guinea pig)<br>OECD Test Guideline 406, Magnusson & Kligman test |
- Assessment repeated dose toxicity  
Imidacloprid did not cause specific target organ toxicity in experimental animal studies.
- Assessment Mutagenicity  
Imidacloprid was not mutagenic or genotoxic based on the overall weight of evidence in a battery of in vitro and in vivo tests.
- Assessment Carcinogenicity  
Imidacloprid was not carcinogenic in lifetime feeding studies in rats and mice.
- Assessment Toxicity to Reproduction  
Imidacloprid caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Imidacloprid is related to parental toxicity.
- Assessment developmental toxicity  
Imidacloprid caused developmental toxicity only at dose levels toxic to the dams. The developmental effects seen with Imidacloprid are related to maternal toxicity.
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## MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE

Version 5 / EU  
1020000126008/10  
Revision Date: 27.03.2013  
Print Date: 09.06.2015

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

Toxicity to fish LC50 (Rainbow trout (*Oncorhynchus mykiss*)) 211 mg/l  
Exposure time: 96 h  
The value mentioned relates to the active ingredient imidacloprid.

Toxicity to aquatic invertebrates EC50 (Water flea (*Daphnia magna*)) 85 mg/l  
Exposure time: 48 h  
The value mentioned relates to the active ingredient imidacloprid.

LC50 (*Chironomus riparius* (non-biting midge)) 0,0552 mg/l  
Exposure time: 24 h  
The value mentioned relates to the active ingredient imidacloprid.

Toxicity to aquatic plants EC50 (*Desmodesmus subspicatus*) > 10 mg/l  
Growth rate; Exposure time: 72 h  
The value mentioned relates to the active ingredient imidacloprid.

#### 12.2 Persistence and degradability

Biodegradability Not applicable for this mixture.

#### 12.3 Bioaccumulative potential

Bioaccumulation Not applicable for this mixture.

#### 12.4 Mobility in soil

Mobility in soil Not applicable for this mixture.

#### 12.5 Results of PBT and vPvB assessment

Not relevant as no chemical safety report is necessary.

#### 12.6 Other adverse effects

Additional ecological information  
No other effects to be mentioned.

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### SECTION 13: DISPOSAL CONSIDERATIONS

#### 13.1 Waste treatment methods

##### Product

In accordance with current regulations and, if necessary, after consultation with the site operator and/or with the responsible authority, the product may be taken to a waste disposal site or incineration plant.

##### Contaminated packaging

Not completely emptied packagings should be disposed of as hazardous waste.

##### Waste key for the unused product

020108 agrochemical waste containing dangerous substances

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**MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE**Version 5 / EU  
1020000126009/10  
Revision Date: 27.03.2013  
Print Date: 09.06.2015**SECTION 14: TRANSPORT INFORMATION****ADR/RID/ADN**

14.1 UN number	<b>3077</b>
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID MIXTURE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Environm. Hazardous Mark	YES
Hazard no.	90
Tunnel Code	E

This classification is in principle not valid for carriage by tank vessel on inland waterways. Please refer to the manufacturer for further information.

**IMDG**

14.1 UN number	<b>3077</b>
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID MIXTURE)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Marine pollutant	YES

**IATA**

14.1 UN number	<b>3077</b>
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (IMIDACLOPRID MIXTURE )
14.3 Transport hazard class(es)	9
14.4 Packing group	III
14.5 Environm. Hazardous Mark	YES

**14.6 Special precautions for user**

See sections 6 to 8 of this Safety Data Sheet.

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

No transport in bulk according to the IBC Code.

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Further information

WHO-classification: U (Unlikely to present acute hazard in normal use)

**15.2 Chemical Safety Assessment**

A chemical safety assessment is not required.



## MAXFORCE PRIME CLM 10X(4X30GR) BLI MDE

Version 5 / EU  
102000012600

10/10  
Revision Date: 27.03.2013  
Print Date: 09.06.2015

### SECTION 16: OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R22	Harmful if swallowed.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R34	Causes burns.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Text of the hazard statements mentioned in Section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

The information contained within this Safety Data Sheet is in accordance with the guidelines established by Regulation (EU) 1907/2006 and Regulation (EU) 453/2010 amending Regulation (EU) No 1907/2006 (and any subsequent amendments). This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.