

SECTION 1: Identification of	f the substance/mixture and of the company/undertal	king
1.1. Product identifier		
Trade name Name Product code	 Imidasect Imidacloprid 2.15% Gel SHA 3200 A 	
1.2. Relevant identified uses of	of the substance or mixture and uses advised against	
1.2.1.Relevant identified usesMain use category	: Biocide	
1.2.2. Uses advised against No additional information available		
1.3. Details of the supplier of the supplication of the supplicati	the safety data sheet	
Sharda Cropchem Ltd. (formerly knov Domnic Holm, 29 th Road, Bandra (We 400050 Mumbai - India T + 91 22 6678 2800 - F + 91 22 6678 <u>regn@shardaintl.com</u>		
1.4. Emergency telephone nu	mber	
Emergency number	: +91 22 6678 2800 (08-16h)	
Country	Organisation/Company	Emergency number

SECTIO	N 2. Hazard	identification
	11 2. Hazaru	

2.1. Classification of the substance or mixture

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

Aquatic Chronic 2 H411

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)	: GHS09
Signal word (CLP)	: -
Hazard statements (CLP)	: H411 - Toxic to aquatic life with long lasting effects
Precautionary statements (CLP)	 P273 - Avoid release to the environment P391 - Collect spillage P501 - Dispose of contents/container to an authorised waste collection point
2.3. Other hazards	

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

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3.2. Mixture			
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
lmidacloprid	(CAS No) 138261-41-3 (EC no) 428-040-8 (EC index no) 612-252-00-4	1 - 5	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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

SECTION 4: First aid measures		
4.1. Description of first aid measures	3	
First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).	
First-aid measures after inhalation	: Move the affected person to the fresh air. If not breathing, give artificial respiration. Call a doctor.	
First-aid measures after skin contact	: Remove contaminated clothes. After contact with skin, wash immediately with plenty of water.	
First-aid measures after eye contact	: Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.	
First-aid measures after ingestion	: Rinse mouth. Immediately call a POISON CENTER or doctor/physician.	
4.2. Most important symptoms and e	ffects, both acute and delayed	
No additional information available		
4.3. Indication of any immediate medical attention and special treatment needed		
No additional information available		
SECTION 5: Firefighting measures		
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OLOI	ion of thenghang measures	
5.1.	Extinguishing media	
Suitable	e extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
5.2.	Special hazards arising from the se	Ibstance or mixture
Hazard fire	ous decomposition products in case of	: Carbon dioxide. Carbon monoxide. Nitrogen oxides. May release flammable gases.
5.3.	Advice for firefighters	
Firefigh	ting instructions	: Appropriate self-contained breathing apparatus may be required.
Protection during firefighting		: Do not enter fire area without proper protective equipment, including respiratory protection.
Other in	nformation	: Do not allow material to contaminate surface water system.

SECTION 6: Accidental release measures		
6.1.	Personal precautions, protective ec	uipment and emergency procedures
6.1.1.	For non-emergency personnel	
(Wear suitable protective clothing, gloves and eye or face protection. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). EC EN 166 "3". Wear eye protection. Personal protective equipment. EN ISO 20345.
Emergen	cy procedures	: Evacuate personnel to a safe area.
6.1.2.	For emergency responders	
Protective	e equipment	: Wear suitable hand, body and head protection.
6.2.	Environmental precautions	
0	f pollution of drinking water when produ s if liquid enters sewers or public water	ict enters the soil. Do not allow run-off from fire-fighting to enter drains or water courses. Notify s.
6.3.	Methods and material for containme	ant and cleaning up

For containment		: Label the container and provide warning statements to prevent any contact.	
Method	ls for cleaning up	: Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica ge Clean spills promptly. Wash contaminated area with large amounts of water.).
6.4.	Reference to other sections		

Reference to other sections (8, 13).

Safety Data Sheet according to Regulation (EC) No. 2015/830

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed : Do not allow run-off from fire fighting to enter drains or water courses. Do not contaminate w with the product or its container (Do not clean application equipment near surface water/Avo contamination via drains from farmyards and roads).	
Precautions for safe handling	: Avoid contact with skin and eyes. Do not eat, drink or smoke in areas where product is used. Wash hands and other exposed areas with soap and water before leaving work. Remove contaminated clothing and shoes. Wash clothing and equipment after handling.
7.2. Conditions for safe storage, includin	ng any incompatibilities
Technical measures	: Keep only in the original container in a cool well ventilated place. Store in a dry, cool area. Protect from light.
Storage conditions	: When not empty dispose of this container at hazardous or special waste collection point. Containers remain hazardous when empty. Continue to observe all precautions.
7.3. Specific end use(s)	

No additional information available

SECTION 8: Exposure controls/personal protection				
8.1. Control parameters	8.1. Control parameters			
sodium hydroxide, caustic s	oda (1310-73-2)			
United Kingdom	Local name	Sodium hydroxide		
United Kingdom	WEL STEL (mg/m ³)	2 mg/m ³		
8.2. Exposure controls				
Hand protection	: Chemical resistant gloves (according	to European standard NF EN 374 or equivalent).		
Eye protection		ling both chemical splash goggles and face shield, must be ontact due to spraying liquid or airborne particles.		
Respiratory protection	: Extra personal protection: P2 filter re filter respirator for toxic particles.	spirator for harmful particles. Extra personal protection: P3		

9.1. Information on basic physical an	d chemical properties
Physical state	: Liquid
Appearance	: gel.
Colour	: brown.
Odour	: slight. characteristic.
Odour threshold	: No data available
рН	: 5.69
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
Auto-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
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

No additional information available

Safety Data Sheet according to Regulation (EC) No. 2015/830

SECT	ION 10: Stability and reactivity
10.1.	Reactivity
Stable	under normal conditions.
10.2.	Chemical stability
The pro	oduct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
None u	nder normal conditions.
10.4.	Conditions to avoid
Direct s	sunlight. Extremely high or low temperatures.
10.5.	Incompatible materials
No add	itional information available
10.6.	Hazardous decomposition products

Fume. Carbon oxides (CO, CO2). Nitrogen oxides.

SECTION 11: Toxicological information				
11.1. Information on toxicological effects				
Acute toxicity	: Not classified			
Imidasect				
LD50 oral rat	5000 mg/kg			
LD50 dermal rat	> 2000 mg/kg			
Imidacloprid (138261-41-3)				
LD50 oral rat	> 380 - 650 mg/kg bodyweight			
LD50 dermal rat	> 5000 mg/kg bw/day			
LC50 inhalation rat (mg/l)	> 5.323 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	: Not classified			

SECTION 12: Ecological information				
12.1. Toxicity				
Imidacloprid (138261-41-3)				
LC50 fishes 1	211 mg/l (Oncorhynchus mykiss)			
EC50 Daphnia 1	85 mg/l (Daphnia magna)			
ErC50 (algae)	39 mg/l			
12.2. Persistence and degradability				
No additional information available				
12.3. Bioaccumulative potential	2.3. Bioaccumulative potential			
Imidacloprid (138261-41-3)				
Log Pow	0.57			
12.4. Mobility in soil				
No additional information available				
2.5. Results of PBT and vPvB assessment				
No additional information available				
12.6. Other adverse effects				
No additional information available				

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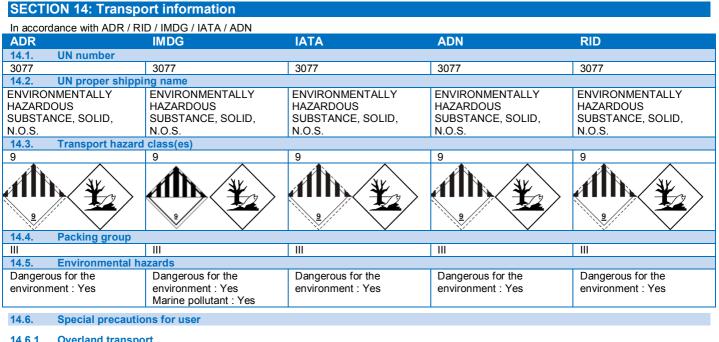
according to Regulation (EC) No. 2015/830

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)

: Disposal must be done according to official regulations.



	14.6.1. Overland transport		
	Classification code (ADR)	:	M7
	Special provisions (ADR)	:	274, 335, 601
	Limited quantities (ADR)	:	5kg
	Excepted quantities (ADR)	:	E1
	Packing instructions (ADR)	:	P002, IBC08, LP02, R001
	Special packing provisions (ADR)	:	PP12, B3
	Mixed packing provisions (ADR)	:	MP10
	Portable tank and bulk container instructions (ADR)	:	T1, BK1, BK2
	Portable tank and bulk container special provisions (ADR)		TP33
	Tank code (ADR)	:	SGAV, LGBV
	Vehicle for tank carriage	:	AT
	Transport category (ADR)	:	3
	Special provisions for carriage - Packages (ADR)	:	V13
	Special provisions for carriage - Bulk (ADR)	:	VV1
	Special provisions for carriage - Loading, unloading and handling (ADR)	:	CV13
	Hazard identification number (Kemler No.)	:	90
	Orange plates	:	90
			3077
	Tunnel restriction code (ADR)	:	E
	EAC code	:	2Z
	14.6.2. Transport by sea		
	Special provisions (IMDG)	:	274, 335, 966, 967
	Limited quantities (IMDG)	:	5 kg
	Excepted quantities (IMDG)	:	E1
	Packing instructions (IMDG)	:	P002, LP02
	Special packing provisions (IMDG)	:	PP12
	IBC packing instructions (IMDG)	:	IBC08
	IBC special provisions (IMDG)	:	B3
	Tank instructions (IMDG)	:	T1, BK1, BK2, BK3
	Tank special provisions (IMDG)	:	TP33
	Stowage category (IMDG)	:	A
	Stowage and segregation (IMDG)	:	When transported in BK3 bulk container, see?7.6.2.12?and?7.7.3.9.
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14.6.3. Air transport	
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y956
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 956
PCA max net quantity (IATA)	: 400kg
CAO packing instructions (IATA)	: 956
CAO max net quantity (IATA)	: 400kg
Special provisions (IATA)	: A97, A158, A179
ERG code (IATA)	: 9L
14.6.4. Inland waterway transport	
Classification code (ADN)	: M7
Special provisions (ADN)	: 274, 335, 61
Limited quantities (ADN)	: 5 kg
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T* B**
Equipment required (ADN)	: PP, A
Number of blue cones/lights (ADN)	: 0
Additional requirements/Remarks (ADN)	* Only in the molten state. ** For carriage in bulk see also 7.1.4.1. ** * Only in the case of transport in bulk.
Not subject to ADN	: No
14.6.5. Rail transport	
Special provisions (RID)	: 274, 335, 601
Limited quantities (RID)	: 5kg
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P002, IBC08, LP02, R001
Special packing provisions (RID)	: PP12, B3
Mixed packing provisions (RID)	: MP10
Portable tank and bulk container instructions (RID)	: T1, BK1, BK2
Portable tank and bulk container special provisions (RID)	: TP33
Tank codes for RID tanks (RID)	: SGAV, LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W13
Special provisions for carriage – Bulk (RID)	: VW1
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE11
Hazard identification number (RID)	: 90
Carriage prohibited (RID)	: No
44.7 Transport in bulk opporting to Appay II of MADDOL 72/70 or	ad the IBC Code

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. EU-Regulations Contains no substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances Other information, restriction and prohibition regulations : according to Regulation (EC) No. 2015/830

15.1.2. National regulations

Refer to protective measures listed in Sections 7 and 8.

15.2. Chemical safety assessment

Refer to protective measures listed in Sections 7 and 8.

Safety Data Sheet according to Regulation (EC) No. 2015/830

SECTION 16: Other information

Full text of R-, H- and EUH-phrases:				
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4 Hazardous to the aquatic environment — Acute Hazard, Category 1			
Aquatic Acute 1				
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1			
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2			
Skin Corr. 1A Skin corrosion/irritation, Category 1A				
H302	Harmful if swallowed Causes severe skin burns and eye damage Very toxic to aquatic life Very toxic to aquatic life with long lasting effects			
H314				
H400				
H410				
H411	Toxic to aquatic life with long lasting effects			

Other data

Date of issue:	14/07/2015
Version:	1.1/UK
Replaces:	1.0/UK from 28/01/2015
Indication of changes:	Sections 2, 15 and 16.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product