



Sharda Perú SAC

MATERIAL SAFETY DATA SHEET

SINDOXA COCKROACH GEL **(INDOXACARB 0.6% GEL)**



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product identifier

Trade name : SINDOXA COCKROACH GEL

Product type: GEL

Details of the supplier of the material safety data sheet:

Sharda PERU SAC,

Calle Las Castañitas No. 138 Urb. El Palomar, San Isidro- Lima 27 Peru

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

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

Acute toxicity (oral), Category 4 H302

Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

Label elements

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



Hazard pictograms (CLP)

GHS07

Signal word (CLP):

Warning

Hazardous ingredients:

indoxacarb (ISO); methyl (4aS)-7-chloro-2-((methoxycarbonyl)[4-(trifluoromethoxy)phenyl]carbamoyl)-2,5-dihydroindeno[1,2e][1,3,4]oxadiazine-4a(3H)- carboxylate

Hazard statements (CLP):

H302 - Harmful if swallowed.

Precautionary statements (CLP):

H412 - Harmful to aquatic life with long lasting effects.

P264 - Wash hands thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P273 – Avoid release to the environment.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements:

EUH208 - Contains indoxacarb (173584-44-6). May produce an allergic reaction.

Other hazards

No additional information available



3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Certificate of Composition – INDOXACARB 0.6% GEL

Constituent name	CAS no.	Purpose in formulation	Concentration g/kg
Indoxacarb min 97% to give 6 g/kg Indoxacarb	173584-44-6	Active constituent	6.19 g/kg
Denatonium benzoate (Bitrex mix)	3734-33-6	Bittering Agent	0.01 g/kg
Corn/Maize syrup(Syrup Maize)	8029-43-4	Sweetner	400 g/kg
Glycerol (GLYCERIN 4813)	56-81-5	Anti-Freeze	196.1 g/kg
POE 20 Sorbitan Monooleate (TWEEN 20)	9005-65-6	Dispersing agent	30 g/kg
Hydrolyzed vegetable protein (HVP)	100209-45-8	Viscosity agent	84.5 g/kg
Xantham Gum	11138-66-2	Viscosity agent	7.5 g/kg
Cellulose microcrystalline powder (CELLULOSE POWDER)	9004-34-6	Rheologic Modifier	2.5 g/kg
cis-9-octadecenoic acid (OLEIC ACID)	112-80-1	Dispersing agent	1 g/kg
Polyorganosiloxanes Aq. Solution	63148-62-9	Antifoam	1 g/kg
3-sn-phosphatidylcholine (SOY LECITHIN)	8003-43-5	Emulgent	0.3 g/kg
2-bromo-2-nitropropane-1,3- diol (BRONOPOL)	52-51-7	Preservative	3 g/kg
Chloromethylisothiazolinon and methylisothiazolinone in water (PREVENTOL D7)	55965-84-9	Preservative	0.07 g/kg
Water	7732-18-5	Diluent	267.83 g/kg
TOTAL			1000



4. FIRST AID MEASURES

4.1 Description of first aid measures

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 away from the contaminated area and into 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 and thoroughly with water and soap.

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/doctor.

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

No additional information available

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam. Carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Fire hazard: In case of fire and/or explosion do not breathe fumes.

Reactivity in case of fire: Product is not explosive.

Hazardous decomposition products in case of fire: Carbon monoxide. Nitrogen oxides. Carbon dioxide.
Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire: Keep container tightly closed and away from heat, sparks and flame.
Keep away from combustible materials.

Firefighting instructions: Appropriate self-contained breathing apparatus may be required. Get the package away from the fire if this can be done without risk. Prevent fire fighting water from entering the environment.

Protection during firefighting: Wear fire/flame resistant/retardant clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

Other information: Do not allow material to contaminate surface water system.



6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Chemical resistant gloves (according to European standard NF EN 374 or equivalent). EN 166. Wear eye protection. Personal protective equipment. EN ISO 20345.

Emergency procedures: Evacuate personnel to a safe area.

6.1.2. For emergency responders

Protective equipment: Wear suitable hand, body and head protection.

6.2. Environmental precautions

Danger of pollution of drinking water when product enters the soil. Do not allow run-off from fire fighting to enter drains or water courses. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment: Label the container and provide warning statements to prevent any contact.

Methods for cleaning: Soak up with inert absorbent material (for example sand, sawdust, a universal up binder, silica gel). Clean spills promptly. Wash contaminated area with large amounts of water.

6.4. Reference to other sections

No additional information available

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 water with the product or its container (Do not clean application equipment near surface water/Avoid 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 mild soap and water before eating, drinking or smoking and when leaving work. Remove contaminated clothing and shoes. Wash clothing and equipment after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Ensure adequate ventilation, especially in confined areas. Store locked up.

Storage conditions: Keep only in original container. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Protect from sunlight.

Storage temperature: 0 - 30 °C

Packaging materials: Keep only in the original container in a cool, well-ventilated place away from combustible materials.

7.3. Specific end use(s): No additional information available



8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Control parameters

Nitric acid, copper salt (3251-23-8)		
EU	Local name	Copper(II) nitrate
EU	IOELV TWA (mg/m ³)	0.01 mg/m ³ (respirable fraction)
EU	Notes	SCOEL Recommendations (2014)

8.2 Exposure controls

Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

Eye protection:

EN 166. Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles

Skin and body protection: Long sleeved protective clothing

Respiratory protection:

Extra personal protection: P2 filter respirator for harmful particles. Extra personal protection: P3 filter respirator for toxic particles

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 Information on basic physical and chemical properties

Physical state: Liquid

Appearance: gel

Colour: brown

Odour:characteristic. Pungent.

Odour threshold: No data available

pH:5.75

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): Not flammable

Vapour pressure: No data available

Relative vapour density at 20 °C: No data available

Relative density: No data available

Density: 1.2145 g/ml (20 °C)

Solubility: No data available

Log Pow: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

Explosive properties: Not explosive.

Oxidising properties: Not oxidising.

Explosive limits: No data available



9.2 Other information

No additional information available

10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal conditions of use.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

10.4. Conditions to avoid

Heat. High temperature. Open flame. Direct sunlight.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity (oral) : Harmful if swallowed.

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation): Not classified.

Indoxacarb 0.6% Cockroach Gel	
LD50 oral rat	1000 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	> 4.07 mg/l/4h (maximum attainable concentration)

Skin corrosion/irritation : Not irritating

Serious eye damage/irritation: Not irritating

Respiratory or skin sensitisation: This product does not cause skin sensitization

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.



indoxacarb (ISO); methyl (4aS)-7-chloro-2-((methoxycarbonyl)[4-(trifluoromethoxy)phenyl]carbonyl)-2,5-dihydroindeno[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate (173584-44-6)	
LC50 fish l	0.65 mg/l (96 h, Rainbow trout)
EC50 Daphnia 1	0.6 mg/l (48 h, Daphnia magna)
EC50 72h algae (1)	0.11 mg/l (120 h, Pseudokirchneriella subcapitata)

12.2. Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

indoxacarb (ISO); methyl (4aS)-7-chloro-2-((methoxycarbonyl)[4-(trifluoromethoxy)phenyl]carbonyl)-2,5-dihydroindeno[1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate (173584-44-6)	
Log Pow	4.65

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

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Regional legislation (waste): Disposal must be done according to official regulations.

Product/Packaging disposal recommendations: Avoid release to the environment. Disposal must be done according to official regulations. Do not dispose of the packaging without first carrying out the necessary cleaning. Refer to manufacturer/supplier for information on recovery/recycling.

14. TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1 UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4 Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable



14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

- Inland waterway transport

Not applicable

- Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

15. REGULATORY INFORMATION

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

15.1.1. EU-Regulations

Contains no REACH 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 (EU) 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

16. OTHER INFORMATION

Full text of H- and EUH-statements:

Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
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
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1B	Skin sensitisation, category 1B
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H301	Toxic if swallowed.
H302	Harmful if swallowed.



H312	Harmful 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.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains indoxacarb (173584-44-6). May produce an allergic reaction.

Other data

Date of issue: 11/05/2018

Version: 0.0/EN

Replaces:-

Indication of change

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