

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name:	ACETAMIPRID 20% SP
Use / description of product:	Use as an agricultural/horticultural insecticide
Company name:	INDOFIL INDUSTRIES LIMITED Kalpataru Square, 4th Floor, Kondivita Road, Off. Andheri Kurla Road, Andheri (E), Mumbai 400 059, Maharashtra, India. Email: customercare@indofil.com Toll Free No.: 1800-120-003-004

2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity – inhalation (Dusts/Mists)	Category 4 – (H332)
Serious eye damage/eye irritation	Category 2 – (H319)
Skin sensitization	Category 1 – (H317)
Carcinogenicity	Category 2 – (H351)
Acute aquatic toxicity	Category 1 – (H400)

Hazard Symbol



Signal Word

DANGER

Hazard Statement(s)

H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H351 - Suspected of causing cancer
H400 - Very toxic to aquatic life

Precautionary Statement(s)

P102 - Keep out of reach of children
P201 - Obtain special instructions before use
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302 + P350 If On Skin : Gently wash with plenty of soap and water
P304 + P340 – If Inhaled : Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 – If In Eyes : Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.
Continue rinsing .
P501 - Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS	%
Active ingredient (Acetamiprid)	135410-20-7	20
Other ingredients	-----	QS to make up 100

4. FIRST AID MEASURES

Most Important symptoms and effects, both acute and delayed

Skin contact

There may be mild irritation at the site of contact

Eye contact

There may be irritation and redness. The vision may become blurred

Ingestion

There may be soreness and redness of the mouth and throat

Description of first aid measures

In general

Have the product container, label or Safety Data Sheet with you when calling the emergency number, a poison control center or physician, or going for treatment.

After Ingestion

Take the victim into fresh air. If breathing is irregular or stopped, administer artificial respiration. Keep patient warm and at rest. Call a physician or poison control center immediately.

After eye contact

Take off all contaminated clothing immediately. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash contaminated clothing before re-use.

After skin contact

Immediately wash skin with soap and plenty of water. Consult a physician if irritation develops.

After Inhalation

Remove to fresh air. Consult a physician if irritation develops

Indication of any immediate medical attention and special treatment needed

Supportive care. No specific antidote. Treatment based on judgement of physician, in response to symptoms of patient.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Extinguishing media - small fires Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Extinguishing media - large fires Alcohol-resistant foam or Water spray

Exposure hazards:

Exposure to decomposition products may be a hazard to health.

Protection of fire-fighters:

Wear self-contained breathing apparatus. Run-off from fire control may be a pollution hazard. If area is not too heavily exposed to fire, and if conditions permit, let fire burn itself out, since water may increase the contamination hazard.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Eliminate all sources of ignition. Do not create dust.

Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures:

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Do not use equipment in clean-up procedure, which may produce sparks.

7. HANDLING AND STORAGE

Handling requirements:

Ensure there is sufficient ventilation of the area. Smoking is forbidden. Use non-sparking tools.

When handling do not eat, drink or smoke.

Storage conditions:

Store in cool, well-ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep in original containers, out of reach of children. Never allow the product to

become wet during storage. This may lead to chemical changes, which will reduce the effectiveness as an insecticide and could create flammable vapours.

Suitable packaging:

Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:

Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use. Maintain air concentrations below occupational exposure standards. Where necessary, seek additional occupational hygiene advice.

Respiratory protection:

Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection:

Protective gloves
Requirements can vary as a function of the use. Therefore, it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection:

Safety goggles.

Skin protection:

Mixers and loaders must wear overalls, protective goggles and chemical-resistant apron.
Applicators and other handlers must wear overalls, goggles and waterproof gloves. Any clothing or other absorbent material which has been drenched or heavily contaminated must be discarded.

9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Powder
Colour:	Light Blue
Odour:	Odorless
Solubility in water:	Soluble
pH	NA
Melting point °C:	98 - 99°C

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions.

Conditions to avoid:

Alkali and moisture (in storage)

Hazardous decomp. products:

Elevated temperature or free water promotes decomposition, which may cause spontaneous combustion. In combustion emits toxic fumes. In combustion emits toxic fumes of sulphur oxides, carbon dioxide / carbon monoxide, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients:	ACETAMIPRID
<u>Acute toxicity (Assessment largely or completely based on data for active substance)</u>	
Acute Oral LD ₅₀ (Rat)	417 mg/kg (rat)
Acute Dermal LD ₅₀	> 2,000 mg/kg (rat)
Acute Inhalation LD ₅₀	LC50 : 2.88 mg/L (rat)
EYE Irritation (Rabbit)	May cause eye irritation.
SKIN Irritation (Rabbit)	Irritating
Skin Sensitization (Guinea Pig)	Irritating

12. ECOLOGICAL INFORMATION

Ecotoxicity: (Assessment largely or completely based on data for active substance)

Aquatic toxicity : Material is not a marine pollutant.

Environmental Fate

Persistence and Degradability:	No data.
Bio-accumulation potential:	No data
Mobility in soil:	No data

13. DISPOSAL CONSIDERATIONS

Disposal operations:	Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.
Disposal of packaging:	Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

U.S> Department of Transportation (DOT)

Bulk

UN no:

Shipping name:

Hazard Class:

Packing group

Not Regulated as a hazardous material by any mode of transportation.
Acetamiprid 20% SP
Not Regulated as a hazardous material by any mode of transportation.

Land Transport (ADR / RID)

UN no:

Shipping name:

transportation. Hazard Class:

Packing group:

Not Regulated as a hazardous material by any mode of transportation.
Acetamiprid 20% SP
Not Regulated as a hazardous material by any mode of

Marine Transport (IMDG / IMO)

UN no:

Shipping name:

Hazard Class:

Packing group:

Marine pollutant:

Not Regulated as a hazardous material by any mode of transportation.
Acetamiprid 20% SP

EmS:

Air transport (IATA / ICAO)

UN no:

Not Regulated as a hazardous material by any mode of transportation.

Shipping name:

Acetamiprid 20% SP

Hazard Class:

Packing group:

Cargo Packing instructions:

15. REGULATORY INFORMATION

Symbol : Xn : Harmful



Special Risks :
(R-Phrases)

R22 : Harmful if swallowed.

R53 : May cause long term adverse effects in the aquatic environment.

(S- Phrases) :

S 2 : Keep out of the reach of children

S24/25 Avoid contact with skin and eyes..

S36/37 Wear suitable protective clothing and gloves

S57 Use appropriate containment to avoid environmental contamination.

S60 This material and its container must be disposed of as hazardous waste.

S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.