



MATERIAL SAFETY DATA SHEET

Sharda Cropchem Ltd.
2nd Floor, Prime Business Park,
Dashrathlal Joshi Road, Vile Parle (West)
400056 Mumbai, India
Phone + 91 22 6261 5615
Fax + 91 22 6678 2828
regn@shardaintl.com

Canadian Address:
Sharda Cropchem Limited
601 - 402 - 21st Street East
Saskatoon, SK S7K 0C3
Phone 1-888-931-2530

Emergency Telephone Number: CANUTEC: 1(613) 996-6666

Date of issue: 30/11/2018

SECTION-1: PRODUCT IDENTIFICATION

Product identifier: Aceta 70 WP
Registration Number: ... (Pest Control Product Act)
Active Ingredient (%): Acetamiprid (70%) (CAS-No.) 135410-20-7
Chemical Name: (E)-N¹-[(6-chloro-3-pyridyl)methyl]-N²-cyano-N¹-methylacetamide
Product Use: Wettable powder insecticide for insect control in agricultural crops. For further details please refer to product label

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	%	Classification (Reg. No. 1272/2008) Hazard category	Classification (Reg. No. 1272/2008) H Phrases
Acetamiprid (ISO); (E)-N ¹ -[(6-chloro-3-pyridyl)methyl]-N ² -cyano-N ¹ -methylacetamide	135410-20-7	70	Acute Tox. 4 (Oral) Aquatic Chronic 3	H302: Harmful if swallowed. H412: Harmful to aquatic life with long lasting effects
Methyl naphthalene sulfonic acid, polymer with formaldehyde, sodium salt	81065-51-2	5	Eye Dam. 1	H318: Causes serious eye damage
Sodium diisopropyl naphthalenesulphonate	1322-93-6	2	Acute Tox. 4 (Oral), Acute Tox. 4 (Inhalation:dust,mist), Eye Irrit. 2, STOT SE 3	H302 H332: Harmful if inhaled H319: Causes serious eye irritation H335: May cause respiratory irritation

SECTION 3: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Reg 1272/2008

Acute toxicity (oral), Category 4: H302

Hazardous to the aquatic environment — Chronic Hazard, Category3: H412

Label Elements

Labelling according to Reg 1272/2008

Hazard symbol



GHS07

Signal word

Warning

Hazardous ingredients

Acetamiprid (ISO); (E)-N¹-[(6-chloro-3-pyridyl)methyl]-N²-cyano-N¹-methylacetamide; sodium diisopropyl naphthalenesulphonate

Aceta 70 WP

Material Safety Data Sheet

Hazard statements	Harmful if swallowed. Harmful to aquatic life with long lasting effects
Precautionary statements	Wash hands, forearms and face thoroughly after handling Do not eat, drink or smoke when using this product Avoid release to the environment. IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. Rinse mouth. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

SECTION 4: FIRST AID MEASURES

Description of 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).
Inhalation	Move the affected person away from the contaminated area and into the fresh air. If not breathing, give artificial respiration. Call a doctor.
Skin contact	Remove contaminated clothes. After contact with skin, wash immediately and thoroughly with water and soap.
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.
Ingestion	Rinse mouth. Immediately call a POISON CENTER/doctor.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

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

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.

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment	Wear suitable protective clothing, gloves and eye or face protection. Chemical resistant gloves. Wear eye protection. Personal protective equipment.
Emergency procedures	Evacuate personnel to a safe area.

For emergency responders

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

Environmental precautions

Avoid creating or spreading dust. Dispose of rinse water as waste water. Avoid release to the environment. Notify authorities if product enters sewers or public waters.

Aceta 70 WP

Material Safety Data Sheet

Methods and material for containment and cleaning up

For containment

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

For cleaning up

Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Carefully collect remainder. Minimise generation of dust. Wash contaminated area with large amounts of water.

SECTION 7: HANDLING AND STORAGE

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.

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Quartz (CAS No. 14808-60-7)

EU	Local name	SCOEL Recommendations (2003)
		Silica crystalline (Quartz)

Exposure controls

Hand protection:

Chemical resistant gloves

Eye protection:

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state

Solid

Appearance

Crystalline powder.

Colour

white.

Odour

characteristic.

pH solution

6.64

Melting point

Not available

Boiling point

Not available

Relative vapour density

Not available

Relative density

0.35 g/mL (20°C)

Solubility

Not available

Log Pow

0.8 (25°C) as active ingredient

Explosive properties

Not explosive

Oxidizing properties

Non oxidizing

Aceta 70 WP

Material Safety Data Sheet

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions of use.
Chemical stability	The product is stable at normal handling and storage conditions
Possibility of hazardous reactions	Stable under normal conditions of use
Conditions to avoid	Heat. High temperature. Open flame. Direct sunlight.
Incompatible materials	No additional information available
Hazardous decomposition products	Under normal conditions of storage and use hazardous decomposition products should not be produced

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity (oral)	Oral: Harmful if swallowed.
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

Acetamidrid (ISO); (E)-N¹-[(6-chloro-3-pyridyl)methyl]-N²-cyano-N¹-methylacetamidine (CAS No. 35410-20-7)	
LD50 oral rat	140 - 200 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	> 1.15 mg/l/4h (Maximum attainable concentration)

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
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Acute aquatic toxicity	Not classified
Chronic aquatic toxicity	Harmful to aquatic life with long lasting effects.

Acetamidrid (ISO); (E)-N¹-[(6-chloro-3-pyridyl)methyl]-N²-cyano-N¹-methylacetamidine (CAS No. 135410-20-7):

LC50 fish 1	> 100 mg/l (96 h, Oncorhynchus mykiss)
EC50 Daphnia 1	49.8 mg/l (48 h, Daphnia magna)
ErC50 (algae)	> 98.3 mg/l (72 h, Scenedesmus subspicatus)
ErC50 (other aquatic plants)	> 1 mg/l (14 d, Lemna gibba)

Persistence and degradability

Persistence and degradability	Not readily biodegradable.
-------------------------------	----------------------------

Bioaccumulative potential

Log Pow	0.8 (25 °C)
---------	-------------

Mobility in soil

Surface tension	70.9 mN/m (19.5 °C, 1 g/l solution)
-----------------	-------------------------------------

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

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

Aceta 70 WP

Material Safety Data Sheet

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.

SECTION 14: TRANSPORT INFORMATION

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

This product is not classified as dangerous goods under the applicable DOT, ICAO/IATA, DGR Regulations

SECTION 15: REGULATORY INFORMATION

Regulated under the Pest Product Control Act

SECTION 16: OTHER INFORMATION

The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Sharda CropChem Ltd will not be liable for any damages, losses, injuries or consequential damages which may result from the use of or reliance on any information contained herein. This Material Safety Data Sheet is valid for three years. This product is under the jurisdiction of the Pest Control Products Act and is exempt from the requirements for a WHMIS compliant MSDS. Hazardous properties of all ingredients have been considered in the preparation of this MSDS. Read the entire MSDS for the complete hazard evaluation of this product.

Date of publication: 30/11/2018
Version: 0.0/English