

MATERIAL SAFETY DATA SHEET

NAME OF MATERIAL/PREPARATION

KURAMITE

Date of Preparation	28/07/2015
Date of Issue	28/07/2015
MSDS No	FORM_MSDS_R&D_231_00
Renewal Date/No	

Page No: 1/7

PREPARED BASED ON REGULATION ON PREPARATION AND DISTRIBUTION OF SAFETY DATA SHEETS ABOUT HAZARDOUS MATERIALS AND PREPARATIONS (O.G. issue no 27092 dated 26/12/2008).

1. MATERIAL/PREPARATION AND COMPANY/OWNER IDENTIFICATION:

1.1 Material/Preparation Identification:

Product Name : KURAMITE
Product Content : Pyridaben 200g/kg
Formulation Form : WP (Wettable Powder)

Pyridaben

Cas No: 96489-71-3

EC No: 405-700-3

IRAC: 21A METI acaricide

1.2 Usage of the Material/Preparation:

INSECTICIDE

1.3 Company Identification:

Manufacturing and License Holding Company:

Company Name : AGRI SCIENCES TARIM VE ILAC UR. SAN. TIC. LTD. STI.

Address : Bekir Saydam Caddesi Pancar No: 31 Torbali / IZMIR

Telephone : +90 0232 864 13 33

Fax : +90 0232 864 16 79

1.4 Emergency Contact Telephone:

In case of an emergency please call +90 0232 864 13 33.

2. COMPOSITION AND INFORMATION ON INGREDIENTS:

Material	%	CAS No	EINECS/ELINCS	Hazard	R ¹	Classification
Pyridaben	200	96489-71-3	405-700-3	T;N	R23/25 R50/53	Xn;R23/25 N;R51/53
Others*	-					

- R explanations are under section 16.
- *Outside classification due to absence of hazardous material.

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Date of Preparation	28/07/2015
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MSDS No	FORM_MSDS_R&D_231_00
Renewal Date/No	

Page No: 2/7

PREPARED BASED ON REGULATION ON PREPARATION AND DISTRIBUTION OF SAFETY DATA SHEETS ABOUT HAZARDOUS MATERIALS AND PREPARATIONS (O.G. issue no 27092 dated 26/12/2008).

3. HAZARD IDENTIFICATION:



Xn: Harmful



N: DANGEROUS FOR THE ENVIRONMENT

R 20/22 : Harmful by inhalation and if swallowed

R 51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. FIRST AID MEASURES:

Poisoning indicators:

Drowsiness, headache, weakness and sweating

First Aid Measures:

In case of poisoning, take the following precautions, call a doctor, take the pesticide package and label with you. In case of contact, wash the skin with water. If swallowed, puke. In case of inhale, take the patient away from the contaminated place.

Antidote: There is no specific antidote. The treatment is applied according to the symptoms Active materials whose chemical group was stated in part 2: Cyanoacetamide oxime (Cymoxanil).

5. FIRE FIGHTING MEASURES

Personal protection equipment for fire fighting: Do not inhale the gases occurred during the explosion and fire. If possible use air-independent respiratory masks.

Hazards: Consider the hazardous gases come out during the fire.

Extinguishers: Foam, Carbon dioxide, fire extinguishing powder.

Other Information: Move the product away from the fire place, cool the containers using water. If possible, use sand and soil after the fire extinguishing liquid.

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KURAMITE

Date of Preparation	28/07/2015
Date of Issue	28/07/2015
MSDS No	FORM_MSDS_R&D_231_00
Renewal Date/No	

Page No: 3/7

PREPARED BASED ON REGULATION ON PREPARATION AND DISTRIBUTION OF SAFETY DATA SHEETS ABOUT HAZARDOUS MATERIALS AND PREPARATIONS (O.G. issue no 27092 dated 26/12/2008).

6. ACCIDENTAL RELEASE MEASURES:

General Information: Please use the personal protection equipment defined under Section 8.

Personal Precautions: Do not touch spilled product or contaminated surfaces. Do not eat, drink or smoke while handling spilled product.

Clean-up Methods: The poured material is collected with a dust catcher material or an appropriate vacuum. Place the product into tight plastic containers and keep safely until it is disposed. Contaminated materials and surfaces should be cleaned in compliance with environmental regulations.

Additional Precautions: Refer to Section 7 for safe handling instructions. Refer to Section 8 for personal protections equipment. Refer to Section 13 for disposal.

7. HANDLING AND STORAGE

Handling : Keep away from acids. Please use the personal protection equipment specified under Section 8. Do not eat or drink while using. Prevent the contact with mouth, skin and eyes. Do not inhale. Wash your hands after using. Other security precautions are not required except of stated warnings during using the closed package. Use only in rooms, in which there is a local sucking device.

Storage : Keep in original package in cool, dry and well ventilated places. Keep away from food and animal feed items. Keep away from direct sunlight. Keep it in places that children cannot reach.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Precautions: Ensure appropriate general or local ventilation to keep the product concentration under allowed limits.

Personal Protection Equipment:

Eye : Use eye protection equipment compliant with EN 166.

Skin : Use protective clothing and appropriate gloves. Use 2 layers of clothing, if possible. Use CE marked Nitrile Rubber (min. 0.40 mm thick). Contaminated gloves

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MSDS No	FORM_MSDS_R&D_231_00
Renewal Date/No	

Page No: 4/7

PREPARED BASED ON REGULATION ON PREPARATION AND DISTRIBUTION OF SAFETY DATA SHEETS ABOUT HAZARDOUS MATERIALS AND PREPARATIONS (O.G. issue no 27092 dated 26/12/2008).

should be washed. Any gloves that cannot be cleaned inside and outside should be disposed.

Respiratory : Use respiratory apparatuses compliant with EN 149:2001. Any respiratory protection apparatus should only be used for short term operations, as a part of risk minimization measures, e.g. in case of local ventilation. Comply with operation instructions and warnings of the manufacturer during use of respiratory protection apparatuses.

Hygiene Measures: Do not eat, drink or smoke while handling the product. Wash your hands each time before eating, drinking, smoking or going to the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: Powder
Colour	: Beige - Yellow
Odour	: Lightly Characteristic
pH	: 4-9 1% (20°C)
Bulk Density	: $0,37 \pm 0,05 \text{ g/cm}^3$ (20°C)
Water solubility	: Dispers

10. STABILITY AND REACTIVITY

Conditions to be avoided	: Extreme degrees and direct sun light
Materials to be avoided	: It is possible occurring carbone sulphur and hydro sulphur with acids.

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MSDS No	FORM_MSDS_R&D_231_00
Renewal Date/No	

Page No: 5/7

PREPARED BASED ON REGULATION ON PREPARATION AND DISTRIBUTION OF SAFETY DATA SHEETS ABOUT HAZARDOUS MATERIALS AND PREPARATIONS (O.G. issue no 27092 dated 26/12/2008).

11. TOXICOLOGICAL INFORMATION

Pyridaben Teknik Maddesi:

Pyridaben

LD50 oral rat: 1350 mg/kg

LD50 skin rat : > 2000 mg/kg

LC50 inhalation rat: 0,66 mg/l hava

12. ECOLOGICAL INFORMATION

Pyridaben Teknik Maddesi:

Bobwhite quail oral LD50: 2250 mg/kg

Ari LD50 (oral) : > 0,55µg/bee

Sazan LC50: <0,5 mg/L (48 sa)

Daphnia LC50 (48 h): 0,59 µg/l

13. DISPOSAL INFORMATION

Product : Do not dispose it together with household wastes. Waste residue should not be spilled into wastewater canals. Any product wastes should be disposed of in compliance with Hazardous Wastes Control Regulations.

Contaminated Materials : Empty containers should not be used for other products. Completely emptied and rinsed containers should be disposed in compliance with regulations. Non-clearable containers should be disposed of as hazardous materials.

14. TRANSPORTATION INFORMATION

ADR/RID/ADNR

UN-No. : 3077

Hazard Mark : 9

Packing Group : III

Product type : UN 3077 Hazardous for Environment, Solid, N.O.S. (Not Including wastes)(Includes Pyridaben)

IMDG

UN-No. : 3077

Class : 9

Packing Group : III



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Renewal Date/No	

Page No: 6/7

PREPARED BASED ON REGULATION ON PREPARATION AND DISTRIBUTION OF SAFETY DATA SHEETS ABOUT HAZARDOUS MATERIALS AND PREPARATIONS (O.G. issue no 27092 dated 26/12/2008).

Marine Pollutant : Yes

Product Type : UN 3077 Hazardous for Environment, Solid, N.O.S. (Not Including wastes)(Includes Pyridaben)

IATA

UN-No. : 3077

Class : 9

Packing Group : III

Product Type : UN 3077 Hazardous for Environment, Solid, N.O.S. (Not Including wastes)(Includes Pyridaben)

15. REGULATORY INFORMATION

This data sheet is prepared based on regulation on preparation and distribution of safety data sheets about hazardous materials and preparations (O.G. issue no 27092 dated 26/12/2008).

Hazard Marks and Symbols:



Xn: Irritant



N: Harmful for Environment

Hazardous Materials Listed on the Label

Includes Pyridaben

Risk Phrases:

Health :

R 20/22 : Harmful by inhalation and if swallowed

Environment :

R 51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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Renewal Date/No	

Page No: 7/7

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Safety Phrases:

- S1/2 : Lock it up and keep out of the reach of children.
S9 : Keep container in a well-ventilated place
S29 : Do not empty into drains
S36/37 /39 : Wear suitable protective clothing, gloves and eye/face protection
S60 : This material and its container must be disposed of as hazardous waste
S61 : Avoid releasing into the environment. Apply Special Usage Instructions / Security Data Sheet.
S63 : In case of accident by inhalation: remove casualty to fresh air and keep at rest

Important Labelling:

Follow instructions to avoid personal and environmental risks.

Additional Details:

16. OTHER INFORMATION

N: Dangerous for the environment

T: Toxic

All Risk Phrases under Section 2:

- R 20/22** : Harmful by inhalation and if swallowed
R 51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

This material safety data sheet is provided as a supplement to instructions of manufacturer; however it does not replace instructions of manufacturer. The information provided in this sheet only conforms to the regulatory criteria known at the time of the preparation of Safety Data Sheet. Required data are gathered in accord with "Regulation on Preparation and Distribution of Safety Data Sheets about Hazardous Materials and preparations (O.G. issue no 27092 dated 26/12/2008)". Concerned organizations and persons are invited to comply with the abovementioned regulation.