شهادة تسجيل مبيد كيمياني مقيد

مبيد افات زراعية(حشري/ للمخازن و الصوامع)

تشهد وزارة التغس المناحى والبيئة بأن المبيد بالمواصفات التالية

الاسم التجاري للمبيد: PESTPHOS

با د التسج يل: الهند

المواد الفعالة و تركيزها: Aluminium Phosphide 56%

20859-73-8 :CAS RN

صـــورة المستحضر: Tablets

حجم العبوة: كيلو جرام 1

بلد (التسجيل/المنشأ) والشركة المنتجة: الهند - INTECH ORGANICS LIMITED

الشركة المحلية المستوردة: Ecovar Trading LLC

تاريخ إصدار الشهادة: 02-11-2020 صالحة حتى: 09-09-09-09

م لاحظ ات: لا يوجد

وجد مطابقا لنظام تسجيل المبيدات المتبع لديها وقد أعطيت له هذه الشهادة بناء على ذلك.

للحظات:

يعاد تقيم المبيد كل خمس سنوات حتى يتم تجديد هذه الشهادة بعد ذلك.
 تلغى هذه الشهادة في حالة شطب أو سحب المبيد من قبل المنظمات والهيئات العالمية المختصة في تسجيل المبيد أو ثبت للوزارة تدهور المبيد أثناء فترة صلاحيته تحت الظروف البيئية للدولة أو ثبت أن لديه أثار جانبية ضارة

سددت الرسوم 3003 درهم

رقم إيصال الشهادة: 200050583847

تاريخ إيصال الشهادة: 2020-09-10

رمز التحقق: 7622-156



للتحقق من صحة بيانات هذا المستند يرجي مسح الشيفرة أو زيارة موقع الوزارة

مدير إدارة الشوون البلدية

To verify this document please scan the QR code or visit the ministry's website

هذا المستند معتمد الكترونيا ولا يحتاج إلى توقيع أو ختم

This document is electronically approved and does not require signature or stamp

البيانات التحذيرية ١. تجنب استنشاق الغبار أو الغاز. ٢. تحنب فتح العيدة باستخدام آلة معدنية حادة.

، بحبب بعن بعيوه باستخدم اس معدنيه حدده. ويت برادية بايب اولية كاملة مُقارات البد وقتاً التنفس موصول بعلية صغيرة للترشيح أثناء التعامل مع المنتج. ٤. يجب استخدام الشرائط الكاشفة قبل دخول المباني ومعالجتما.

ه. تُجنَبُ أَكُلُ أَو شُرِبَ أَو مِضَعً أَو التَّدَخِينَ أَثَنَاءٌ عَمِلِيةَ الْإِستَخَدَام. محت عله, من يعانون من ثقب فه, طبلة الأذن عدم التعامل مع المنتج

المضاد السمي(الترياق):

لم يتم التعرَّفُّ على ۖ مضَّاد سمَّى (ترياق) محدد. يجب معالجة الأعراض.

PRECAUTIONARY STATEMENTS

- 1. Do not inhale dust or the gas.
- 2. Do not open containers with sharp metallic device.
- 3. Wear full protective clothing like hand gloves and respirator with reaction type canister must be worn while handling
- 4.Detector strips be used before entering the treated premises.
- 5.Do not eat, drink, chew anything or smoke while using and persons with punctured ear drums should not handle the product.

Antidote

No specific antidote is known. Treat symptomatically

الإسعافات الأولية:

ا. في حال حدث ابتناء فحاول أن تتقياً من خاال دغدغة مؤدرة الحلق وتخرار العملية حتى حدوث القيء. لا تحاول انتجعل الشخص المصاب ان يتقياً في حال كان فاقداً للوعبي 7. فو حال تلوث الثيان والجلد ، يجب خلع الثياب وغسل الجلد الملوث بالماء و الصابون. * فو حال تلوث العينين، يجب غسلهما يكمية كبيرة من المحلول الملحق لمدة تتراوخ بين ، ا – ١٥ دقيقة. ٤. فو حال الإستشاق بحب تعريف القاصات للمواء الطائعة.

FIRST AID:

- If swallowed induce vomiting by trickling the back of throat. Repeat it until the vomiting is clear.
 Do not induce vomiting if the patient is unconscious.
- If clothing and skin are contaminated remove the clothes and wash the contaminated skin with copious amount of soap and water.
- 3. If eyes are contaminated flush with plenty of saline clear water for about 15–10 minute
- 4. If inhaled remove the patient to fresh air.

التخزين والتخلص من العبوات الفارغة:

قم بالتُخزين في العبوة الأصلية المغلقة وفي منطقة باردة وجيدة التهوية. لا تقم بتخزين المنتح لفترات طويلة تحت أشعة الشمس المباشرة. قم بعسل الحران الرش بشكل إضافه، لا تقدم بتخزين المنتح لفت المسلم إلى الاتخلص مناء أوقم بعسل خدان الرشوب هذا تقدم بالتخلص مناء أكبواه إن المركز المركز من المجاوز المركز المرك

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do NOT store for prolonged periods in direct sunlight. Triple or (preferably) pressure rinse containers before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots in compliance with relevant Local, State or Territory government regulations. Do not burn empty containers or product.

الضمان:

تضمن الشركة المنتجة ثبات المواصفات الكيميائية والفيزيائية للمبيد وسالمة عبواته الصلية في التخزين العادي طيلة فترة صالحيتة تحت ظروف دولة الامرات العربية المتحدة وحسب طريقة التخرين المشار اليها، يقوم المصنة والموزة بإغالق الحاويات الأصلية بختم الضمان السلامة والنسليم. وفقا لشروط النشرة, يقوم المستقلة بالأشراء وهو عل هدوقة قاملة أن الشركة فسؤواة عن يا ستدال الميتة في حالة وجد خلل به.

The manufacturer and distributor gurantee the contents of the original container are tightly closed and the warranty seal intact according to the terms of the label and leaflet. The company limits it's liability in the sale of this product to the replacement thereof if its found defective

المبيد مقيد الاستخدام بشدة

لبيعة واستخدامة فقط لفنيين مرخصين أو من قبل اشخاض تحت اشرافهم المباشر.

VERY RESTRICTED USE PESTICIDE

For retail sale to and use only by certified Applicators or Persons under their direct supervision.



PESTPHOS

Aluminium Phosphide 56% Tablets

مبيد حشري تبخير لمنع ومكافحة آفات المخازن

Fumigation Insecticide for preventing and controlling storage pests

ACTIVE INGREDIENTS:

Aluminium Phosphide	56%
Inert Ingredients	44%
Total	.100%

لا يستخدم هذا المبيد في المباني السكنية والشقق Not for use in Residential buildings and Flats

رقم التسجيل بوزارة التغير المناخي والبيئة Moccae Registration Number

DXB-AD-140-1567622

Australian APVMA Registration Number رقم التسجيل هيئة مبيدات الآفات والأدوية البيطرية الأسترالية 88571

Local Distributer

Tel: 97143663302

Dubai, UAE

www.ecovargroup.com

Manufacturing Company Intech Organics Limited. Country of origin: India

> بديد السمية VERY TOXIO

يحفظ بعيدا عن متناول الأطفال Keep out of Reach of Children

Quantity: 1 Kg
Batch No:
Production Date:
Valid for 3 years from production date

صالح لمدة ٣ سنوات من تاريخ الإنتاج

الكمية: 1 ك غ

رقم التشغيلة:

تاريخ الانتاج

تعليمات الاستخدام

ضنغ المنتج من مادة فوسفيد الألومنيوم بنسبة أغير أو تساوي ٥٠ %، وعلى شكل أقراص بحيث بزن القرص الواحد منها ٣٠ جرام، تتحول هذه الأقراص إلى مادة فوسفيد الألومنيوم عا لية السمية والقابلة لاإشتعال عند تعرضها للحمض أو رطوبة الهواء، يمكن استعمال المنتج للوقاية من آقات التخزين

تقنيات وطرق الإ«تخدام

ا. حصة الحبوب، يُقسَّم المبيد الحشري إلى عبوات صغيرة بحيث تحتوي كل عبوة على ٢٥ قرضاً، ومن ثم توزع تلك العبوات بشكل متساوي على مسافة ١٥. إلى ٢ متر، ١٢ إلى ٣٠ سنتمتر تحت سطح الحبوب، يمكن استخدام أنبوب فحص للطبقات الوسطى.

7. تكديس الحبوب، يُقسّم المبيد الحشري إلى عبوات صغيرة بحيث تحتوي كل عبوة على ٢٥ قرصاً بشكل متساوي على أسطح الكومة والطبقات الوسطى بنسبة ٢٠ ٣ للأسطح و ٢ / ٣ للطبقات الوسطى.

> ٣. الكمية اللازمة من المبيد الحشري، كمية الكومة + مقدار المساحة. عالج البقايا بعد إغلاقها لمدة ٥ إلى ٧ أيام وتعرض للهواء الطلق لمدة ٣ أيام .

Direction of Use

The product is made of aluminum phosphide with content ±%56. One tablet weights 3.2g, Tablets will turn into highly toxic and combustible aluminum phosphide when they are exposed to acid or air moisture. The product can be used for preventing and controlling storage pests effectively.

Usage techniques & methods

- 1. Bulk Grain: Divide the pesticide into small packages with around 25 tablets each pack, and distribute them evenly with a distance of 1.5 to 2 meters, 20 to 30 centimeters underneath grain surfaces. You may use a probe tube for middle layers.
- 2. Stack Grain: Divide the pesticide into small packages with around 25 tablets each pack, and distribute them evenly on stack surfaces and middle layers. 3/2 for surfaces and 3/1 for middle layers.
- 3. Required Amount of Pesticide: Stack amount + Space amount.
- 4. One can only handle the residue after being sealed for 5 to 7 days, exposed in the air for 3 days.

طريقة التطبيق	المعدلات	الآفات	المحصول أو النطاق
تعقيم بالبخار المختوم	٥ – ١١ أقراص / ١٠٠٠ كغم	الخنافس والسوس المتواجدة في المنتجات المخزنة	السلغ
تعقيم بالبخار المختوم	۱ – ٤ أقراص / متر مكعب	آفات متنوعة	المساحات
تعقيم بالبخار المختوم	۳ – ۱۰ أقراص / ۱۰۰۰ كغم	الخنافس والسوس والخنافس ثاقبة الخشب المتواجدة في الحبوب المخزنة	الحبوب
تعقيم بالبخار المختوم	۳ – ۱۰ أقراص / ۱۰۰۰ كغم	الخنافس والسوس والخنافس الثاقبة الخشب المتواجدة في البذور المخزنة	البذور
Methods of Application	Rates	Pests	Crop or Scope
Sealed Fumigation	5 – 10 Tablets/1000 kg	Beetles and Weevils Found in Stored Products	Goods
Sealed Fumigation	1 – 4 Tablets/Smeter	Various Pests	Space
Sealed Fumigation	3 – 10 Tablets/1000 kg	Stored Grain Beetles, Weevils and Borer	Grain
Sealed Fumigation	3 – 10 Tablets/1000 kg	Stored Seeds Beetles and Borer	Seeds



Product Name: ALUMINIUM PHOSPHIDE

1. IDENTIFICATION OF THE SUBSTANCE & THE COMPANY

CHEMICAL NAME: ALUMINIUM PHOSPHIDE

SYNONYM(S): Aluminium(III) phosphide

MOLECULAR WEIGHT 57.95

COMPANY

Intech Organics Ltd, 543-D, pace city-II, Sector 37, Gurgaon 122001, India

Emergency telephone number: +91-124-4407000

2. COMPOSITION / INFORMATION ON INGREDIENTS

Components CAS	CAS NO	Weight %
Aluminium phosphide	20859-73-8	56%
Other Ingredients		44%

3. HAZARDS IDENTIFICATION

General:

Aluminium phosphide is very dangerous and can kill if swallowed. The product release phosphine gas slowly in moist air and immediately, if wet. It also releases ammonia, which is toxic by inhalation and can burn mucous membranes. Mild exposure causes malaise, ringing in the ears, fatigue, nausea and pressure in the chest, which is relieved by removal to fresh air. Moderate poisoning will cause weakness, vomiting, pain above the stomach, chest pain, diarrhea and difficulty breathing. In severe poisoning signs may occur within a few hours to several days resulting in pulmonary edema and may lead to dizziness, cyanosis, unconsciousness and death

EYE CONTACT Will irritate the eyes

SKIN CONTACT may cause skin burns rashes and skin itching

INHALATION Extremely toxic, headache, fatigue, nausea, dizziness, tremors, restlessness.

INGESTION Do not give anything by mouth if patient is unconscious. Seek medical attention.

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Product Name: ALUMINIUM PHOSPHIDE

4. FIRST-AID MEASURES

General

Aluminium phosphide is very dangerous and can kill if swallowed. The product release phosphine gas slowly in moist air and immediately, if wet. It also releases ammonia, which is toxic by inhalation and can burn mucous membranes. Mild exposure causes malaise, ringing in the ears, fatigue, nausea and pressure in the chest, which is relieved by removal to fresh air. Moderate poisoning will cause weakness, vomiting, pain above the stomach, chest pain, diarrhea and difficulty breathing. In severe poisoning signs may occur within a few hours to several days resulting in pulmonary edema and may lead to dizziness, cyanosis, unconsciousness and death

Inhalation

Do not inhale dust or gas from product. If inhaled remove patient to fresh air. Keep rested and warm and seek medical assistance. If patient is not breathing resuscitate using oxy-viva or one-way mask. Do not give mouth-to-mouth resuscitation

Skin contact Brush or shake material off clothes in a well ventilated area. Allow cloths to aerate in a ventilated area prior to laundering. Do not leave contaminated clothing in occupied and or confined areas such as cars. If material is on skin, wash off the skin with soap and water. Will irritate the eyes. If material is in the eye, hold open and flush with water for at least 15

Eye contact

minutes.

Ingestion

If swallowed seek medical attention. Give one or two glasses of water and induce vomiting, preferably using Ipecac Syrup APF. Do not give anything by mouth if patient is unconscious. Seek medical attention.

Advice to doctor: - If a patient has swallowed Aluminium phosphide ,he/she may be

emitting toxic phosphine gas. First aid and medical staff should take precautions against exposure to phosphine emitted by such a patient. Do not administer mouth-to-mouth resuscitation - use other forms of resuscitation.

5. FIRE - FIGHTING MEASURES

Media Suffocate flames with sand, carbon dioxide or dry extinguishing powder. Do **Extinguishing**

NOT use water on metal phosphide fires.

Fire and Flammable. Keep away from naked flames. Avoid contact with water and strong Explosion Hazards. oxidizing agents' Hazardous polymerization will not occur

FIRE FIGHTING PROCEDURE

Special firefighting procedures: Wear full protective clothing and selfcontained breathing apparatus. Contain firefighting water.

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Product Name: ALUMINIUM PHOSPHIDE

Hazardous Combustion Products

Fires involving phosphine or metal phosphides will produce phosphoric acid.

 $2PH3 + 4O2 \rightarrow 3H2O + P2O5 \rightarrow 2H3PO4$

6. ACCIDENTAL RELEASE MEASURES

Accidental Release: Use the personal protective equipment listed in Section 8. If possible, dispose of spilled Aluminium Phosphide by use according to the label. Freshly spilled material which has not been contaminated with water or foreign matter may be replaced into original containers. Punctured containers may be temporarily repaired using aluminium tape. If the age of the spill is unknown, or the material has been contaminated with soil, debris, water etc., gather up the spillage into small open buckets having a capacity no larger than 4.5 litres. Do not add more than about 1 to 1.5 kg to a bucket. If on-site wet deactivation is not feasible, transport the uncovered buckets in open vehicles to a suitable area. Wear gloves when handling Aluminium Phosphide. Respiratory protection is required during clean-up of spilled material. If the concentration of hydrogen phosphide is above 15ppm, or is unknown, approved positive pressure, supplied air breathing apparatus must be worn. Small amounts of spillage, from about 4 - 8 kg may be spread out over the ground in an open area to be deactivated by atmospheric moisture. Alternatively the material may be wet deactivated as described in Section 13

7. HANDLING AND STORAGE

: Keep container tightly closed. Handle according to label instructions. Safe Handling

STORAGE

Store in the closed, original container in a cool, dry, well-ventilated locked area out of the reach of children and unauthorized persons and away from all dwellings. Keep away from water and liquids. Water and many liquids cause immediate release of phosphine from product. The product should never be stored under conditions which would allow the gas concentrations to reach the lower level of flammability which is 1.79% by volume (12,900 parts per million). Never confine the product in a small gas-proof enclosure such as a plastic bag. Such confinement could cause the gas concentrations to reach the lower flammability level. Protect, by sealing or otherwise, sensitive electrical and electronic equipment (meters, switches, fire alarm systems, etc. containing copper/copper alloy components, photographic film or copy paper. Phosphine corrodes copper-based materials. Store below 30o C. This material is a Schedule 7 Dangerous Poison and must be stored, handled and used in accordance with the relevant regulations.

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Product Name: ALUMINIUM PHOSPHIDE

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

COMPONENT	OSHA PEL	ACGIH TLV		IDHL
	(ppm)	TWA (ppm)	STEL (ppm)	(ppm)
Hydrogen phosphide	0.3	0.3	1.0	200
Ammonia	50	25	35	500
Carbon dioxide	5000	5000	30000	50000

VENTILATION REQUIREMENTS

Open product container in the open air. Local ventilation is generally adequate to reduce hydrogen phosphide levels in fumigated premises to below the TLV/TWA. Exhaust fans may be used to speed the aeration of silos, warehouses, ships hold, containers, etc.

PERSONAL PROTECTIVE EQUIPMENT:

- RESPIRATORY PROTECTION

A full-face respirator with an ABEK canister must be worn at concentrations up to 15 ppm or when dispensing tablets by hand. At levels above this, and/or when hydrogen phosphide concentration is unknown, a positive pressure, supplied air respirator must be worn. In all cases ensure that the respirator provides good facial fit.

- EYE PROTECTION

Eye Protection None required.

- SKIN AND BODY PROTECTION

Do not allow product to come in contact with skin. When opening the container or using the product, wear elbow length PVC gloves. If product on skin, brush off any excess material and wash area with soap and water. Wash hands before breaks and at end of work.

HYGIENE MEASURES

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When using this material, do not eat, drink or smoke. Do not eat, smoke or drink

where material is handled, processed or stored. Wash hands carefully before eating

or smoking

General Advice Avoid contact with eyes or skin. Clean working clothes and protective

equipment with soap and water. When space fumigating in enclosed areas (eg rooms, warehouses) wear protective clothing and respiratory protection

as specified above. Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE The active material is contained in tablets

Colour Aluminium phosphide has a greenish-grey colour.

Odour The phosphine gas generated by the product has an odour described as

similar to garlic, carbide, or decaying fish.

Melting Point Aluminium phosphide: >1000o C Phosphine gas: -133o C Boiling Point Aluminium phosphide: >1000o C Phosphine gas: -87.7o C

Specific Gravity Aluminium phosphide: 2.55

Phosphine: 1.17 (relative to air =1)

Vapour Pressure Aluminium phosphide: 0 mmHg

Phosphine gas: 40 mmHg @ -129.40 C

Ammonium Carbonate: 100 mmHg @ 26.70 C

Viscosity Not applicable

Solubility in Water Aluminium phosphide: Insoluble,

reacts Phosphine gas: 26 cc in 100 mL water at 170 C

Ammonium Carbonate: Very soluble, reacts

pH 6.0-7.5 (at 10% water)

Flash Point Aluminium phosphide and the formulated product (Aluminium Phosphide)

are not in themselves flammable. Ammonia and carbon dioxide are liberated

at the same time as phosphine to reduce the potential for self-ignition

Ignition Temperature Not available

Explosive Limits The product in itself is not explosive, however see above regarding

phosphine gas. Phosphine LEL 1.8% w/v, UEL not known.

10. STABILITY AND REACTIVITY

Chemical Stability Aluminium Phosphide is stable to most chemical reactions, except for

hydrolysis. It will react with moist air, liquid water, acids and some other

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liquids to produce toxic and flammable phosphine gas. Avoid contact with

water and oxidizing agents.

Conditions to Avoid Keep away from naked flame – forms toxic gas. Keep away from damp and

moisture. Contact with water can cause the immediate release of phosphine gas. Avoid hydrogen phosphide-air mixtures at concentrations above the lower explosive limit of 1.8% v/v as these may ignite spontaneously. Never allow the buildup of hydrogen phosphide to exceed explosive concentrations.

Incompatible Materials Water, acids.

Hazardous Decomposition Fires involving phosphine or metal phosphides will produce phosphoric acid.

 $2PH3 + 4O2 \rightarrow 3H2O + P2O5 \rightarrow 2H3PO4$

Hazardous Reactions The prime hazardous reaction is the reaction with water or moisture to

produce toxic phosphine gas (hydrogen phosphide). Hydrogen phosphide gas may react with certain metals and cause corrosion, especially at higher temperatures and relative humidity. Metals such as copper, brass, and other copper alloys, and precious metals such as gold and silver are susceptible to corrosion by phosphine. Small electric motors, smoke detectors, brass sprinkler heads, batteries and battery chargers, forklifts, temperature monitoring systems, switching gears, communication devices, computers, calculators and other electrical equipment may be damaged by this gas. Phosphine will also react with certain metallic salts and therefore sensitive items such as photographic film, some inorganic pigments, etc., should not

be exposed.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Aluminium phosphide is a highly acutely toxic substance. Acute oral

LD50 of the formulation is 11.5 mg/kg. Hydrogen phosphide (phosphine)

gas LC50 is about 190 ppm for a 1-hour inhalation exposure.

Local Effects Aluminium phosphide and phosphine gases are not absorbed dermally.

Primary routes or exposure are inhalation and ingestion.

Reproductive Effects None of the ingredients of the formulation has been shown to produce

reproductive or teratogenic effects.

Mutagenicity None of the ingredients of the formulation has been shown to produce

mutagenic effects.

Carcinogenic Effects None of the ingredients in the formulation has been shown to have

carcinogenic potential.

Health Hazard Information Aluminium phosphide is a highly acutely toxic substance in its own right. In

contact with moisture in the air (or more rapidly in contact with water) it

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releases hydrogen phosphide gas, ammonia and carbon dioxide. Aluminium phosphide is very toxic by ingestion causing the release of hydrogen phosphide in the body. Hydrogen phosphide released from Aluminium phosphide is very toxic by inhalation. Care must be taken during first aid and treatment that hydrogen phosphide released from the poisoned individual does not injure medical personnel

12. ECOLOGICAL INFORMATION

Octanol/Water Partition Co-efficient: Not available.

Eco toxicity Not available. This product is highly toxic to wildlife. Do not contaminate

streams, rivers or waterways with the chemical or used containers.

13. DISPOSAL CONSIDERATIONS

After Intended Use After fumigation with product, remove spent tablets and ensure residual phosphide is destroyed before disposal, eg. by swamping with dilute acid or soapy water in open air until bubbling ceases. Triple rinse the containers with soapy water to ensure residual phosphide is destroyed. Destroy empty containers by breaking, crushing or puncturing them. Dispose of the containers at a local authority landfill, bury the containers at a depth of 500 mm or more at a licensed landfill. Do not burn empty containers or the product.

After spill or accident: If possible, dispose of spilled Aluminium Phosphide by using according to the label. Freshly spilled material, which has not been contaminated with water or foreign matter, may be replaced into original containers. Punctured containers may be temporarily repaired using Aluminium tape. If the age of the spill is unknown, or the material has been contaminated with soil, debris, water etc., gather up the spillage into small open buckets having a capacity no larger than 4.5 liters. Do not add more than about 1 to 1.5 kg to a bucket. If on-site wet deactivation is not feasible, transport the uncovered buckets in open vehicles to a suitable area. Wear gloves when handling Aluminium Phosphide . Respiratory protection as specified in Section 8 is required during clean-up of spilled material. If the concentration of hydrogen phosphide is unknown, positive pressure, supplied air breathing apparatus must be worn. Small amounts of spillage, from about 4 - 8 kg may be spread out over the ground in an open area to be deactivated by atmospheric moisture. Alternatively, the material may be wet deactivated as described below. Wet deactivation: Deactivating solution is prepared by adding a low sudsing detergent to water in a drum or other suitable container. A 2% solution or 4 cups of detergent to 130 liters is suggested. The container should be filled with deactivating solution to

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within a few centimeters of the top. The Aluminium Phosphide is added slowly to the deactivating solution and stirred so as to thoroughly wet all the Aluminium Phosphide . This should be carried out in the open air and respiratory protection may be required. No more than 20-25 kg of Aluminium Phosphide, Tablet/Pelets should be added to 70 liters of solution Allow the mixture to stand, with occasional stirring, for about 36 hours. The resultant slurry will then be safe for disposal. Dispose of the slurry or deactivated material, with or without preliminary decanting, at a landfill or other suitable site approved by local authorities.

14. TRANSPORTATION INFORMATION

UN No. 3048

IMO Proper shipping name: ALUMINIUM PHOSPHIDE PESTICIDE

Class: Class 6.1 Packaging Group: I Hazchem Code: 4WE

15. REGULATORY INFORMATION

Poisons Schedule: Schedule 7 – Dangerous Poison

APVMA Registration The product is registered by the APVMA.

Registration Number 46948

Labelling All necessary directions, precautions and warnings for normal use of the

product are included on the product label.

16. OTHER INFORMATION

Health, Safety & Environment Policy

We endeavor to ensure that our operations and products meet the needs of the present global community without compromising in quality of product. We accept that the success of our business is dependent on the supply of products and services that will benefit society whilst ensuring human safety and protection of the environment and natural resources, We ensure healthy and safe work environment for employees and whilst maintaining high production standards of operation

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END OF SAFETY DATA SHEET

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