

**MATERIAL SAFETY DATA SHEET**

**Company Details**

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**1.Product and Company Identification:**

<u>Trade / Commercial Name</u>	<b>TRIATIX PLUS POUR ON</b>		
<u>Chemical Name</u>	Amitraz sc 239228		
<u>Formula</u>	Amitraz , Deltamethrin, Piperorynol Butoxide		
<u>Chemical Family</u>	Enviromentally Hazourdous Substances, liquid,N.O.I.S, (Alkyl (C3-C6)Benzenes)		
<u>Synonyms</u>			
<u>Un No</u>	3077	<u>Hazchem Code</u>	2xe
<u>ERG No.</u>	151	<u>EAC</u>	55

**2.Hazards Identification:**

Poison  
Poisonous; Could be fatal if inhaled, swallowed or absorbed through skin.  
Contact could cause burns to skin and eyes.

Material is combustible.

Contact with material will cause irritation, nausea and dizziness.

**3.Composition:**

Hazardous Components Amitraz Technical  
Deltamethrin  
Piperonyl butoxide

**4.First Aid Measures**

<u>First Aid Skin</u>	Immediately remove contaminated clothing, including shoes. Flush body with plenty of water for at least 15 minutes. Have victim lie down and keep warm.
<u>First Aid Eyes</u>	Flush eyes with water for 15 minutes. Hold eyelids open while washing.
<u>First Aid Ingested</u>	Symptoms of poisoning: Reversible depression of the nervous system, drowsiness, muscle weakness, ataxia and depression of hypothalamic function.  First Aid Wash well with soap and water following contamination. Induce vomiting if swallowed and the patient is conscious.  Treatment: This product contains amitraz, which is classified as a monoamine oxidase inhibitor. Other effects such as alpha adrenergic antagonism and inhibition of prostaglandin synthesis could be observed. Treat symptomatically. Antagonists are Yohimbine at 0.1 mg/kg and Tolazoline at 2 mg/kg.
<u>First Aid Inhalation</u>	IMMEDIATELY remove to fresh air. If not breathing give artificial respiration. If breathing of victim is difficult administer oxygen. See treatment under ingestion

**5.Fire Fighting Measures**

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Extinguishing media: sprayed water jet, foam, extinguishing powder, CO<sub>2</sub>, sand.  
Fight fire in early stages if safe to do so.  
Wear respiratory protection.  
Well ventilated areas: full face mask with combination filter, e.g. ABEK-P2 (offers no protection against carbon monoxide).  
Enclosed premises: respirator with independent air supply.  
Contain fire-fighting water.

### 6. Accidental Release Measures

Use personal protective equipment described under Personal Protection. Do not empty into drains or waters.  
Take up spilled product with dust-binding material or suitable vacuum cleaner. Avoid formation of dust.  
Place collected material into sealable containers. Use a damp cloth to clean floors and other contaminated objects. Place used cloth in sealable container.

### 7. Handling And Storage

Store in a dry place and protect from temperatures below 0 and above 30 deg C.  
Keep away from food, drink and feedstuff.

Always wear protective clothing when handling the product.

Keep out of direct sunlight, from heat, and static electricity which could cause the material to ignite

When opening containers, take care as gases could be emitted and there is a risk of igniting.

### 8. Exposure Controls/Personal Protection

Occupational Exposure Limits None - however will leak fumes if not stored in cool location

Controls Keep the place of work clean. Avoid contact with product.

Change badly soiled or soaked clothing.

Wash hands before breaks and at end of work.

Personal Protection If product is handled while not enclosed, and if skin contact may occur:

Eye protection: safety glasses or goggles

Ventilation: Storage and handling must be in a ventilated location

Skin: Rubber gloves or appropriate recommended safety gloves, protective clothing, safety shoes (rated for chemical spillage)

### 9. Physical & Chemical Properties

Oily liquid, royal blue, hydrocarbon odor

Soluble in water: 0.10Wt% (toxic in water)

pH: n/a

Boiling point: 180 C

Density at 25C: n/a

Flash point: 101 C

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**10. Stability And Reactivity**

<u>Conditions to Avoid</u>	Stable - avoid sparks, flame and static electricity
<u>Incompatible Materials</u>	Strong oxidizing agents
<u>Other</u>	Hazardous decomposition products none

**11. Toxicological Information**

This product is classed as a monoamine oxidase inhibitor

Accute Effects: Nausea, dizziness ,dry skin, damaged eye tissue.

Irritant Effects: To eyes, lungs, skin and stomach

Other Health effects: Dermatitis, and pulmonary edema , tearing of cornea

**12. Ecological Information**

The substance is toxic to aquatic organisms, ground water , sea water.

It is strongly advised that this substance does not enter the environment, any contamination of water systems must be reported to the relevant authorities.

**13. Disposal Considerations**

Disposal Method Product Choose a specific site where excess liquids may be dumped. This site must not be on the top of a hill and should be at least 100 m away from boreholes and water courses, concrete encapsulation for land fill sites is the correct method of disposal.

Ensure that the area of the site is sufficient. Eg: 0.5 ha for a dip tank of 15 000 litres capacity.

The site should be away from habitation, and not in a general thoroughfare. It should be properly fenced off and clearly identified by warning signs. The gate must be kept locked.

Disposal Method Packaging Rinse empty container three times with a volume of water equal to at least one tenth of that of the container and add the rinsings to the contents of the dip. Thereafter perforate and flatten the container, and bury it in an area reserved for this purpose as described above, under the section entitled Disposal method product.

**14. Transport Information**

<u>UN No</u>	3077	<u>Hazchem Code</u>	2xe
<u>ERG No.</u>	151	<u>EAC</u>	55
<u>ADR/RID Class</u>	9	<u>ADR/RID Hazard ID No</u>	9
<u>IMDG-Shipping Name</u>	Enviromentally Hazardous Substances, Solid,N.O.I.S, (Alkyl (C3-C6)Benzenes)		
<u>IMDG Code</u>	9	<u>IMDG-Packaging Group</u>	II/III
<u>Marine Pollutant</u>	Yes		
<u>Class</u>	Class: 9 Packaging Group: III		
<u>Subsidiary Risks</u>	Combustible Liquid		

**15. Regulatory Information**

<u>EEC Hazard Classification</u>	9
<u>Risk Phrases</u>	R24 Toxic in contact with skin. R25 Toxic if swallowed. R50 Very toxic to aquatic organisms.



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Safety Phrases

- R53 May cause long-term adverse effects in the aquatic environment.
- S20 When using, do not eat or drink.
- S37 Wear suitable gloves.
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)
- 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.

National Legislation

**16. Other Information**

Reason for Alteration: General update.

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properness of the product.

**Disclaimer:**

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