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 ALIVIRA	ALIVIRA ANIMAL HEALTH LIMITED		SDS
	VISAKHAPATNAM		
	TITLE: TOLTRAZURIL SAFETY DATA SHEET		
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : TOLTRAZURIL

CAS-No. : 69004-03-1

1.2 Relevant identified uses of the substance or mixture and uses advised against


Identified uses : Veterinary Product Active Ingredient

Manufacturer : ALIVIRA ANIMAL HEALTH LIMITED

Address : Plot No. 104 to 109 & Part of 112 & 113,
JNPC – SEZ, Parawada Mandal,
Visakhapatnam - 531019,
Andhra Pradesh, India.

Phone No. : 91-0892 4236163**Fax No.** : 91-0892 4236164**Email** : alivira@alivira.in

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SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Very toxic to aquatic life (Category 1), H400

Very toxic to aquatic life with long lasting effects (Category 1), H410

2.2 Label elements labelling according Regulation (EC) No 1272/2008

Pictogram



Signal word

Warning

Hazard statement(s)

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273 Avoid release to the environment.

P391 Collect spillage. Hazardous to the aquatic environment

P501 Dispose of contents/container to.....

Supplemental Hazard Statements

None

SECTION 3: Composition/information on ingredients**3.1. Substances**


Synonyms : "1-[3-methyl-4(4'-trifluoromethylthiophenoxy)phenyl]-3-methyl-"

Molecular Formula : C18-H14-F3-N3-O4-S

Molecular Weight : 425.38

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Toltrazuril	CAS No: 69004-03-1	NA	NA	NA

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SECTION 4: First aid measures**4.1 Description of first aid measures**

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled: Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation.

In case of skin contact: If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower.

If the chemical got on the victim's exposed skin, such as the hands: Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. If irritation persists, seek medical attention. Wash contaminated clothing before reusing. Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.


In case of eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

If swallowed: Do not induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Use carbon dioxide or dry chemical powder.

5.2 Special hazards arising from the substance or mixture

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Combustion products are toxic and/ or irritant. Measures have to be taken to prevent the contaminated extinguishing agent from seeping into the ground or from spreading uncontrollably.

5.3 Advice for firefighters

Wear self-contained breathing apparatus (SCBA) and protective equipment for firefighting.

5.4 Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid exposure. Provide appropriate exhaust ventilation at places where dust is formed. Wash thoroughly after handling. Take precautionary measures against electrostatic loading.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.


SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

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Appropriate engineering controls
 General industrial hygiene practice.
 Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection
 Tightly fitting safety goggles. Face shield. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
 Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (Without touching glove's outer surface) to avoid skin contact with this product. Dispose of Contaminated gloves after use in accordance with applicable laws and good practices.
 Wash and dry hands.


Body Protection
 Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
 Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.
 If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: Physical and chemical properties	
9.1 Information on basic physical and chemical properties	
a) Appearance	Solid
b) Odour	No Data Available
c) Odour Threshold	No Data Available
d) pH	No Data Available

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e) Melting Point / Freezing Point	385°F
f) Initial boiling point and boiling range	No Data Available
g) Flash point	NA
h) Evaporation rate	No Data Available
i) Flammability (solid)	No Data Available
j) Upper/lower flammability or explosive limits	No Data Available
k) Vapour pressure	NA
l) Vapour density	NA
m) Relative density	NA
n) Water solubility	Partly miscible
o) Partition coefficient : n-octanol/water	No Data Available
p) Auto-ignition temperature	No Data Available
q) Decomposition temperature	No Data Available
r) Viscosity	No Data Available
s) Explosive properties	No Data Available
t) Oxidizing properties	No Data Available

SECTION 10: Stability and reactivity
10.1 Reactivity No data available
10.2 Chemical stability Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions No data available

SECTION 11: Toxicological information
11.1 Information on toxicological effects
Carcinogenicity : No data is available on the product.
Toxicity : LD 50 Oral –Rat 3,375 mg/kg

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Epidemiology : No data is available on the product.
Teratogenicity : No data is available on the product.
Reproductive Effects: No data is available on the product.
Neurotoxicity : No data is available on the product.
Germ cell mutagenicity: No data is available on the product

SECTION 12: Ecological Information

12.1 Toxicity

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations


13.1 Waste treatment methods

Product

This material may be burned in a chemical incinerator equipped with an afterburner and scrubber.
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product packing after detoxification or incinerate.

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SECTION 14: Transport information**14.1 UN number**

ADR/RID: 3077

IMDG: 3077

IATA: 3077

14.2 UN proper shipping nameADR/RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Toltrazuril)IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Toltrazuril)ATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Toltrazuril)**14.3 Transport hazard class(es)**

ADR/RID: 9

IMDG: 9

IATA: 9

14.4 Packaging group

ADR/RID: III

IMDG: III

IATA: III

14.5 Environmental hazards

ADR/RID: yes

IMDG Marine pollutant: no

IATA: yes

14.6 Special precautions for user**Further information**

EHS-Mark required (ADR 2.2.9.1.10, IMDG code 2.10.3) for single packagings and combination Packagings containing inner packagings with Dangerous Goods > 5L for liquids or > 5kg for solids.


DOT Classification:

Hazard Class or Division : 9

Identification Numbers : UN3077 Packing Group: III

Label Codes : 9

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SECTION 15: Regulatory information

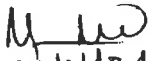
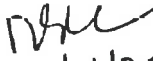

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

To follow the local regulatory requirement, as applicable.

SECTION 16: Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regards to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

<p>PREPARED BY :</p> <p>Sign:  Date: 20/01/21 Name : M.Venkateswara Rao Designation : Sr. Executive-EHS</p>	<p>REVIEWED BY :</p> <p>Sign:  Date: 20/01/2021 Name : P.Sanyasi Rao Designation : Manger - EHS</p>	<p>APPROVED BY :</p> <p>Sign:  Date: 20/01/2021 Name : S.S. Sunil Kumar Designation : Asst. Manager - QA</p>
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