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 ALIVIRA	ALIVIRA ANIMAL HEALTH LIMITED			SIGNATURE
	VISAKHAPATNAM			Date: 05/05/2016 MSDS
TITLE: FLUNIXIN MEGLUMINE MATERIAL 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 : FLUNIXIN MEGLUMINE

CAS-No. : 42461-84-7


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**SECTION 2: Hazards identification**

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2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Skin irritation (Category 2)

Eye irritation (Category 2)

Specific target organ toxicity - single exposure (Category 3)

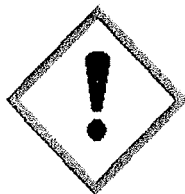
Classification according to EU Directives 67/548/EEC or 1999/45/EC

Irritating to eyes, respiratory system and skin.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word Warning

Hazard statement(s)

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statement(s)

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements None

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrases(s)


R36/37/38 Irritating to eyes, respiratory system and skin.

S-phrases(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36 Wear suitable protective clothing.

2.3 Other hazards - none

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SECTION 3: Composition/information on ingredients

3.1. Substances

3.1 Substances

Synonyms : 2-[[2-Methyl-3-(trifluoromethyl)phenyl]amino]-3-pyridinecarboxylic acid
meglumine salt

Formula : C₁₄H₁₁F₃N₂O₂·C₇H₁₇NO<SB>5

Molecular Weight : 491,46 g/mol

Component	Concentration
1-Deoxy-1-(methylamino)-D-glucitol 2-[2-methyl-3-(perfluoromethyl)anilino]nicotinate	
CAS-No. 42461-84-7	
EC No. 255-836-0	

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

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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 water spray, alcohol resistant foam, carbon dioxide or dry chemical powder.

5.2 Special hazards arising from the substance or mixture

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 dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

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. Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid exposure. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

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

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)

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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	Form: Solid
b) Odour	Odourless
c) Odour Threshold	No Data Available
d) pH	7 to 9
e) Melting Point / Freezing Point	137 ⁰ C to 140 ⁰ C
f) Initial boiling point and boiling range	No Data Available
g) Flash point	NA
h) Evaporation rate	NA
i) Flammability (solid)	NA
j) Upper/lower flammability or explosive limits	NA
k) Vapour pressure	NA
l) Vapour density	NA
m) Relative density	NA
n) Water Solubility	Soluble in Water and in Methanol.
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

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SECTION 10: Stability and reactivity**10.1 Reactivity**

Reactive with oxidizing agents

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat, flames and sparks. Extreme temperatures.

10.5 Incompatible materials

No data available

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

Oral LD50 (Rat) >5,000 mg/kg

Serious eye damage/eye irritation

Non Irritant

Carcinogenicity

IARC: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No ingredients in this product have been shown to produce reproductive effects.

Specific target organ toxicity - single exposure


No Data Available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

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Potential health effects

Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion	Toxic if swallowed.
Skin	May be harmful if absorbed through skin. Causes skin irritation.
Eyes	Causes serious eye irritation.

SECTION 12: Ecological Information**12.1 Toxicity**

No data available

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: IMDG: IATA:

14.2 UN proper shipping name

ADR/RID : Not Dangerous Goods

IMDG : Not Dangerous Goods

IATA: Not Dangerous Goods

14.3 Transport hazard class(es)

ADR/RID: ---- IMDG: ---- IATA: ----

14.4 Packaging group

ADR/RID: --- IMDG:---- IATA: ----

14.5 Environmental hazards

ADR/RID: No IMDG Marine pollutant: No IATA: No

14.6 Special precautions for user

no data available

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.


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.

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