


Section 1: Identification

Common Name/Trade Name	FLUNIXIN MEGLUMINE USP	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours)
Product Synonym(s)	Flunixin n-methylglucamine	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Acute toxicity, oral Category 3. Acute toxicity, inhalation Category 1, Serious eye damage/eye irritation Category 1. Specific target organ toxicity, single Category 3 respiratory tract irritation	
Signal Word	Danger	
Hazard Statement(s)	H302 Harmful if swallowed H318 Causes serious eye damage H331 Toxic if inhaled H373 May cause damage to organs through prolonged or repeated exposure	
Pictogram(s)		
Precautionary Statement(s)	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P312+P330 IF SWALLOWED Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. P304+P340+P311 IF INHALED Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician. P305+P351+P338+P310 IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Immediately call a POISON CENTER or doctor/physician. P314 Get Medical advice/attention if you feel unwell. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.	
Hazards Not Otherwise Classified	Hazardous to the aquatic environment, acute hazard Category 2. Hazardous to the aquatic environment, Long term hazard Category 2.	
Ingredient(s) with Unknown Toxicity	No data available	

Section 3: Composition/Information on Ingredients

Chemical Name	3-Pyridinecarboxylic acid, 2-[[2-methyl-3-(trifluoromethyl)phenyl]amino]-, compound with 1-deoxy-1-(methylamino)-D-glucitol (1:1)
Common Name	Flunixin Meglumine
CAS Number	42461-84-7
Impurities and/or Stabilizing Additives	No data available

Section 4: 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 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.
Most Important Symptoms and Effects	No data available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Use water spray, alcohol resistant foam, carbon dioxide or dry chemical powder.
Special Hazards Arising From the Substance/Mixture	Combustion products are toxic and / or irritant. Measures have been taken to prevent the contaminated extinguishing agent from seeping into the ground or from spreading uncontrollably.
Special PPE and/or Precautions for Firefighters	Wear self-contained breathing apparatus (SCBA) and protective equipment for firefighting. Use water spray to cool unopened containers.

Section 6: Accidental Release Measures

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.
Methods and Materials Used for Containment	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Cleanup Procedures	Sweep up and shovel. Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid exposure. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for Safe Storage	Preserve in well closed containers, store at 25 C excursions permitted between 15-30C.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Components with workplace control parameters.
Appropriate Engineering 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.
PPE - 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).
PPE - 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.
PPE - 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.
PPE - 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

Appearance	Form: Solid
Upper/Lower Flammability or Explosive Limits	NA
Odor	Odorless
Vapor Pressure	NA
Odor Threshold	No data available
Vapor Density	NA
pH	7 to 9
Relative Density	NA
Melting Point/Freezing Point	137°C to 140°C
Solubility	Soluble in Water and in Methanol.
Initial Boiling Point and Boiling Range	No data available
Flash Point	NA
Evaporation Rate	NA
Flammability (Solid, Gas)	NA
Partition Coefficient	n-octanol/water: 1.34
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	Reactive with oxidizing agents
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Heat, flames, and sparks. Extreme temperatures.
Incompatible Materials	Oxidizing agents
Hazardous Decomposition Products	No data available

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Oral LD50 (Rat) > 120 mg/kg. OEL : 18 ug/m3.
Acute Toxicity - Inhalation	LC50 Rat Inhalation < 0.52 mg/l/4h
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	Causes serious eye irritation.
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	Causes serious eye irritation.
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
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.
Carcinogenicity ACGIH	No data available.
Carcinogenicity NTP	No data available.
Carcinogenicity OSHA	No data available.
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.

Section 12: Ecological Information

Toxicity	Acute: Crustacea EC50 Daphnia 25mg/l, 48h. Aquatic: Acute: Fish LC50 Bluegill (Lepomis macrochirus) 46 mg/l, 96h. Rainbow Trout: 9.2 mg/l, 96h.
Persistence and Degradability	No data available.
Bio-accumulative Potential	No data available.
Mobility in Soil	No data available.
Other Adverse Effects	No data available.

Section 13: Disposal Considerations

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.
Waste Treatment Methods Packaging	Dispose of as unused product packing after detoxification or incinerate.
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	UN2811
UN Proper Shipping Name	Toxic, solid, organic, n.o.s. (Flunixin Meglumine)
Transport Hazard Class(es)	6.1
Packaging Group	I
Environmental Hazards	Environmental hazards: No

Section 15: Regulatory Information

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

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
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