

SAFETY DATA SHEET

	Cronus Pharma LLC
Product Name : Flunixin Meglumine Injection Solution only	
Version No. 00	
MSDS No. CPL/MSDS/001	

1. Identification

Product Name : Flunixin meglumine Injection Solution only
Intended Use : Veterinary product
Restrictions on Use : Not for human use

Details of the supplier of the Material Safety Data Sheet

Company Name : Cronus Pharma LLC
Address : East Brunswick, NJ 08816
Emergency Phone No. 1-844-227-6687
Email Id : contact@cronuspharma.com

2. Hazard (s) Identification

Classification

Skin Corrosion / Irritation - Category-2
Serious Eye damage / Eye Irritation - Category 1
Specific target organ toxicity (single exposure) - Category-3
Target Organs - Respiratory system

Label Elements

Signal Word - Warning
Hazard Statement - Causes Skin Irritation
Causes serious eye irritation
May cause respiratory irritation

Precautionary Statements

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Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area

Inhalation

IF INHALED: Remove the victim to fresh air and keep at rest in a comfortable position for breathing
Advice for doctor/physician if you feel unwell

Skin

IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reusing.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Storage

Store in a well-ventilated place. Keep the container tightly closed
Store locked up

Disposal

Dispose of contents and container to an approved waste disposal plant

3. Composition / Information or Ingredients

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S. No.	Ingredients	Specifications	CAS Number	Qty / mL
1	Flunixin meglumine	USP	42461-84-7	83.0 mg
2	Edetate disodium dihydrate	USP	6381-92-6	0.1 mg
3	Diethanolamine	USNF	111-42-2	2.5 mg
4	Sodium formaldehyde sulfoxylate	USNF	149-44-0	4.0 mg
5	Propylene glycol	USP	57-55-6	207.2 mg
6	Phenol	USP	108-95-2	5.0 mg
7	Hydrochloric acid	USNF	7647-01-0	Q.s for pH adjustment
8	Water for Injection	USP	7732-18-5	Q.s to 1 mL

4. First Aid Measures

General Advice	- If symptoms persist, call a physician
Eye Contact	- Rinse immediately with plenty of water, also under the eyelids, for atleast 15 minutes. Get medical attention
Skin Contact	- Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician
Inhalation	- Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur
Ingestion	- Clean your mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur
Notes to Physician	- Treat symptomatically

5. Fire Fighting Measures

Suitable Extinguishing Media	- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO ₂ , water spray or alcohol-resistant foam
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Specific Hazards Arising from the Chemical

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Keep product and empty container away from heat and sources of ignition.

6. Accidental Release Measures

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|-----------------------------------|---|
| Personal Precautions | - Ensure adequate ventilation. Use personal protective equipment as required. Avoid dust formation |
| Environmental Precautions | - Should not be released into the environment |
| Methods for Containment and Clean | - Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal |

7. Handling & Storage

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|----------|--|
| Handling | - Wear personal protective equipment/face protection. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Avoid dust formation |
| Storage | - Store at or below 25°C (77°F). Do not Freeze |

8. Exposure Controls / Personal Protection

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| Exposure Guidelines | - This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies |
| Engineering Controls | - Ensure that eyewash stations and safety showers are close to the workstation location |

Personnel Protective Equipment

- | | |
|------------------------|--|
| Eye / Face Protection | - Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166 |
| Skin & Body Protection | - Wear appropriate protective gloves and clothing to prevent skin exposure |
| Respiratory Protection | - Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced |
| Hygiene Measures | - Handle in accordance with good industrial hygiene and safety |

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9. Physical & Chemical Properties

Physical State	-	Liquid
Appearance	-	White to Off white
Odour	-	No information available
Odor Threshold	-	No information available
pH	-	7.8 to 9.0 at 25° C
Melting Point / Range	-	135 - 137 °C / 275 - 278.6 °F
Boiling Point / Range	-	No information available
Flash Point	-	No information available
Evaporation Rate	-	Not applicable
Vapor Pressure	-	No information available
Vapor Density	-	Not applicable
Specific Gravity	-	No information available
Solubility	-	Soluble in Water
Autoignition Temperature	-	No information available
Decomposition Temperature	-	No information available
Viscosity	-	Not applicable
Molecular Formula	-	Mixture

10. Stability & Reactivity

Reactive Hazard	-	None known, based on information available
Stability	-	Stable under recommended storage conditions
Conditions to Avoid	-	Incompatible products
Incompatible Materials	-	Strong oxidizing agents
Hazardous Polymerization	-	Hazardous polymerization does not occur.
Hazardous Reactions	-	None under normal processing

11. Toxicological Information

Acute Toxicity	-	
Product Information	-	The toxicological properties have not been fully investigated
Component Information	-	
Toxicologically Synergistic	-	No information available

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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation	-	Irritating to eyes, respiratory system and skin
Sensitization	-	No information available
Mutagenic Effects	-	No information available
Reproductive Effects	-	No information available.
Developmental Effects	-	No information available.
Teratogenicity	-	No information available.
STOT - single exposure	-	Respiratory system
STOT - repeated exposure	-	None known
Aspiration hazard	-	No information available
Symptoms / effects, both acute and delayed	-	No information available
Endocrine Disruptor Information	-	No information available
Other Adverse Effects	-	The toxicological properties have not been fully investigated

12. Ecological Information

Ecotoxicity

Do not empty into drains

Persistence and Degradability	-	Soluble in water Persistence is unlikely based on information available
Bioaccumulation/ Accumulation	-	Bioaccumulation/ Accumulation
Bioaccumulation/ Accumulation	-	Will likely be mobile in the environment due to its water solubility

13. Disposal Considerations

Waste Disposal Methods	-	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification
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14. Transport Information

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The following refers to all modes of transportation unless specified below

Not regulated for transport under USDOT, EUADR, IATA, or IMDG regulations

15. Regulatory Information

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

US Federal Regulations

SARA 313	- Not applicable
CWA (Clean Water Act)	- Not applicable
Clean Air Act	- Not applicable
OSHA - Occupational Safety and Health Administration	- Not applicable
U.S. Department of Homeland Security	- Not applicable

16. Other Information

Prepared By	- Safety, Health & Environment Department – Cronus Pharma
	- Email: ehs@cronuspharma.com
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Revision Date	- NA
Revision Summary	- NA

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