

Aurora Pharmaceutical, LLC

MATERIAL SAFETY DATA SHEET

Section I – Product Identification			
Product Name or Identity:	Equisul –SDT		
Manufacturer's Name:	Aurora Pharmaceutical, LLC	Emergency Phone No.	888-863-9376
	1196 S Hwy 3	Fax No.:	507-650-7250
	Northfield, MN 55057	Item number:	10-020
Date Prepared or Revised: July 24, 2013			
Chemical Family: Antibiotic			
Formula:	Mixture		
Hazard Classification:	Ingredients are not considered carcinogenic by NTP, IARC, or OSHA		
HMIS Rating System:	Health -3 /Flammability -0 /Reactivity -1		

Section II – Hazardous Ingredients / Identity Information			
Ingredient	CAS#	TLV-TWA	Percent
Sodium Hydroxide	01310-73-2	2 mg/m ³	4.67
Trimethoprim	00738-70-5	0.1 mg/m ³	5.69
Sulfadiazine	00068-35-9	2 mg/m ³	28.6

The hazard communication standard requires that such mixtures be assumed to present the same health hazard as do components that constitute at least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazards of individual components may be altered by including them in a mixture. Some of the ingredients of this mixture are a trade secret. NE=not established.

Section III – Physical Characteristics	
Percent Volatile: Approximately 60%	Specific Gravity (H ₂ O = 1): 1.176
Solubility in Water : Partially Soluble	
Appearance and Odor: White to off-white aqueous suspension.	

Section IV – Fire and Explosion Hazard Data	
Flash Point (<i>Method Used</i>): NA (60% water).	Explosion Limits: NA
Extinguishing Media: Water, carbon dioxide or dry chemical.	
Special Fire Fighting Procedures: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.	
Unusual Fire and Explosion Hazards: None	

Section V – Reactivity Data			
Stability	Unstable		Conditions to Avoid: High temperatures.
	Stable	x	This material is stable under normal handling and storage conditions.
Incompatibility (<i>Materials to Avoid</i>): Strong Acids			
Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides			
Hazardous Polymerization	May Occur		Conditions to Avoid: Heat- high temperature.
	Will Not Occur	x	

Section VI – Health Hazard Data			
Route(s) of Entry	Inhalation: Yes	Skin: Yes	Ingestion: Yes
			Eyes: Yes
Health Hazards (<i>Acute and Chronic</i>)	Acute Studies: Oral LD50 (Rat) Greater than 5 g/kg for trimethoprim/sulfadiazine Oral LD50 (Mouse) Greater than 5 g/kg for trimethoprim/sulfadiazine		
Carcinogenicity: (National Toxicology Program) Not listed	(International Agency for Research in Cancer) Not listed	OSHA Regulated? No	
Signs and Symptoms of Exposure: May cause skin, eye, and mucous membrane irritation and burns (symptoms such as discomfort, redness, and tearing, sneezing and runny nose). May cause allergic skin reactions. Exposure may cause nausea, vomiting, diarrhea, cramps and colitis.			
Medical Conditions Generally Aggravated by Exposure: Hypersensitivity to trimethoprim or sulfadiazine.			
WARNING: See above			
Emergency / First Aid Procedures	Ingestion: Contact a physician or poison control center.		
	Inhalation: Move to fresh air.		
	Eye Contact: Remove contact lenses, if present. Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, obtain medical attention.		
	Skin Contact: Wash off with soap and water. Take off all contaminated clothing immediately.		

Section VII – Precautions for Safe Handling and Use

Accidental Release Measures: CONTAINMENT: Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not let product enter drains. Do not flush into surface water. Do not flush to groundwater and soil. Absorb the liquid with suitable material, then transfer into a suitable container for disposal.

Waste Disposal Method: Dispose of by incineration in accordance with applicable local, state and national regulations.

Handling and Storage: Use with adequate ventilation. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Launder contaminated clothing before reuse. Store at room temperature. Store in a dry area away from direct sunlight, heat, and incompatible materials. Protect from freezing and physical damage. Reseal containers immediately after use. Store away from food and beverages. Keep out of reach of children.

Other Precautions: None

Section VIII – Control Measures

Respiratory Protection (Specify Type): Not required

Ventilation

Local Exhaust: Good general ventilation should suffice.

Special: None

Mechanical (General):

Other:

Protective Gloves: Not normally required

Eye Protection: Not normally required. However, care should be taken to avoid accidental exposure.

Other Protective Clothing or Equipment: Not required

Work / Hygienic Practices: Normal work practices

Section IX – Transportation Information

This material is not regulated by the United State Department of Transportation (DOT), International Maritime Organization (IMO), or International Air Transport Association (IATA).

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