

SAFETY DATA SHEETS

This SDS packet was issued with item:

078082129

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078074526

MATERIAL SAFETY DATA SHEET

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. CLOTISOL MSDS INFOTRAC Ver 2

IDENTITY: CLOTISOL®					
Section I					
Distributor's Name and Address: CREATIVE SCIENCE, LLC. 455 Sovereign Court Ballwin, MO 63011			Emergency Telephone Number INFOTRAC 1.800.535.5053 For Creative Science, LLC. Account 104672		
			Date Prepared December 12, 2012		
Section II – Hazardous/Non-Hazardous Ingredients/Identity Information					
Ferric sulphate (CAS No.:100-2822-5) 89% - Product is corrosive to the eye, is not toxic dermally nor by inhalation or orally, may irritate the skin and mucous membranes.					
Residual sulphuric acid * (CAS No.: 7664-93-9) – Product is listed as toxic to aquatic life. Category C 40 CFR Parts 116-118. PEL= 1mg/m ³ TWA as iron soluble iron salts					
*Reportable under SARA of 1986 Title III Sec. 313 and 40 CFR Part 372					
Section III – Physical/Chemical Characteristics					
Boiling Point	Specific Gravity	Vapor Pressure	Melting Point	Vapor Density	Evaporation Rate
N/A	56-60 lbs/ft ³	N/A	N/A	N/A	N/A
Solubility in Water 55% by weight					
Appearance and Odor Gray to brown liquid suspension					
Section IV – Fire and Explosion Hazard Data					
Flash Point (Method Used)		Flammable Limits	LEL	VEL	
N/A		N/A	Unknown	Unknown	
Extinguishing Media Water CO 2, or dry chemical					
Special Fire Fighting Procedures and Hazards If water is used, the product is water soluble and the water may be acid, and water should not be allowed to enter a navigable stream. At temperatures above 600 deg C, product decomposes to iron oxide and sulfur trioxide					
Unusual fire and Explosion Hazards None known					
Section V – Reactivity Data					
Stability	Unstable		Conditions to Avoid		
	Stable	X	None known		

Incompatibility (Materials to Avoid)		
Avoid contact with strong oxidizing agents		
Hazardous Decomposition or Byproducts		
None known		
Hazardous Polymerization	May Occur	Conditions to Avoid
	Will not occur	None known
Section VI – Health Hazard Data		
Route(s) of Entry		
Inhalation: Not toxic according to OSHA regulations		
Health Hazards		
May cause skin irritation upon contact, non toxic dermally. Corrosive to the eye.***		
Carcinogenicity		
No		
Signs and Symptoms of Exposure		
Eye, skin or stomach irritation on exposure		
Medical Conditions Generally Aggravated by Exposure		
None known		
Emergency and First Aid Procedures		
Seek medical advice if nose, eyes, skin and stomach irritation develop on exposure.		
Skin: Wash with soap and water. If irritation develops, seek medical attention.		
Eye: Wash profusely with running water. If eyes get irritated, ask for medical advice.		
Ingestion: If swallowed in large quantities, get medical advice.		
Inhalation: Remove person to fresh air. Consult a medical doctor if breathing difficulty develops.		
Section VII – Precautions for Safe Handling and Use		
Steps to be Taken in Case Material is Released or Spilled		
Sweep up. Avoid formation of dust.		
Waste Disposal Method		
Dispose of in accordance with Federal, State and Local regulations.		
Precautions to Be Taken in Handling and Storing		
Store in a cool, dry and ventilated area away from heat.		
Other Precautions		
N/A		
Section VIII – Control Measures		
Respiratory Protection		
Use a dust/aerosol mist respirator as needed.		
Ventilation	Local Exhaust	Special
Use in ventilated area	Sufficient	N/A
	Mechanical (General)	Other
	N/A	N/A
Protective Gloves	Eye Protection	Other Protection Clothing or Equipment
Recommended	A good practice to use	Not needed
Work Hygienic Practices		
Protect containers of material from physical damage. Maintain eyewash station in workplace.		