

MATERIAL SAFETY DATA SHEET
LESAFFRE YEAST CORPORATION
MILWAUKEE, WISCONSIN

IDENTITY (As used on Label and List) RED STAR® SELENIUM 2000	<i>Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.</i>
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Section I - General Information

<u>Manufacturer's Name</u> LESAFFRE YEAST CORPORATION	<u>Emergency Phone Number</u> 800-424-9300
<u>Address (Number, Street, City, State, and ZIP Code)</u> 7475 West Main Street Milwaukee, WI 53214	<u>Telephone Number for Information</u> (414) 615-4085
<u>Date Prepared:</u> Dec 2006	

Section II - Hazard Ingredients/Identity Information

Other Limits Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLV Recommended % (Optional)
Red Star® Selenium 2000 contains 2000-2400 mcg/g of Selenium. The recommended daily intake of Selenium ranges from 10-75 mcg/day. Red Star® Selenium is to be used for manufacturing purposes, not a direct dietary supplement.

Section III - Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	
Vapor Pressure (mm Hg.)	NA	Melting Point	
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	
Solubility in Water: --			
Appearance and Odor: Tan powder, yeasty odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) NA	Flammable Limits NA	LEL	UEL
Extinguishing Media:			
Special Fire Fighting Procedures: None			
Unusual Fire and Explosion Hazards: Dust should be controlled.			

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Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid):			
Hazardous Decomposition or Byproducts:			
Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion? X
Health Hazards (Acute and Chronic): Estimated safe and adequate daily dietary intake is 10-75 mcg/day.			
Carcinogenicity:	NA	NTP?	IARC Monographs? OSHA Regulated?
Signs and Symptoms of Exposure: Dizziness, headache, metallic taste			
Medical Conditions Generally Aggravated by Exposure:			
Emergency and First Aid Procedures: Induce vomiting if large quantities are ingested, consult a physician.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: Wear the appropriate respiratory and protective clothing during clean-up. Whatever cannot be saved for use should be managed as a waste. Do not discharge spilled or waste materials into waterways or sewer systems without proper authority.
Waste Disposal Method: This product meets the criteria of a hazardous waste as defined by the US - EPA under 40 CFR part 261, due to its characteristics and must be sent to an approved waste disposal facility. Always consult your local regulators for more specific information.
Precautions to Be Taken in Handling and Storing: During use keep dust to a minimum and use local ventilation . If mechanical ventilation is not possible, then choose and use the appropriate respiratory protection Dust covered clothing should also be cleaned in an appropriate manner
Other Precautions: Avoid inhaling large amounts dust during use.

Section VIII - Control Measures

Respiratory Protection (Specify Type): Mechanical filter respirator		
Ventilation:	Local Exhaust	Special
	Mechanical (General)	Other
Protective Gloves: Yes	Eye Protection: Goggles	
Other Protective Clothing or Equipment: N/A		
Work/Hygienic Practices: N/A		