

Material Safety Data Sheet

MSDS

Section 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION	
Product Brand: Bar's Leaks®	Product Part #: HDC, J120, J-100, T-1000, T-2000
Bar's Products 720 West Rose Street P.O. Box 187 Holly, Michigan 48442	Product Name: Concentrated Tablets
	24-Hour Emergency (CHEMTREC) : 1-800-424-9300
	Information: 1-248-634-8278 / www.barsleaks.com
	Date Prepared: 11-28-07

Section 2—COMPOSITION / INFORMATION ON INGREDIENTS					
Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS NUMBER	OSHA PEL	ACGIH TLV	Other Limits	% (optional)
Turmeric	458-37-7				13-15
Soda Ash	497-19-8				5-7
Polyethylene Glycol Powder	25322-68-3				.5-1
Almond Nut Shell					8-10
Ginger Rhizomes			10 mg/m3		69-72
Hazardous Components					
Particulates not otherwise regulated		15mg/m3 (Total dust) 5 g/m3 (respirable dust)			
Additional information will be released to medical professionals, and others, upon request as specified in the Federal Hazard Communication Standard.					
<i>All other components are considered to be non-hazardous as per OSHA 29 CFR 1910.1200.</i>					

Section 3—HAZARDS IDENTIFICATION						
Potential Health Effects:	EYE -	Irritation, redness, pain and swelling..				
	SKIN -	Irritation, redness, itching, and swelling of affected skin.				
	INHALATION -	May cause irritation and pain of the throat and upper respiratory tract, coughing, difficulty breathing, and flu-like symptoms.				
	INGESTION -	Gastrointestinal distress and nausea.				
Acute Health Hazards:	Irritation and minor gastrointestinal irritation.					
Chronic Health Hazards:	May cause severe eye irritation or burns. Prolonged skin contact may cause more serious skin disorders. May cause respiratory tract irritation and chemical pneumonia. Preexisting respiratory problems such as asthma and emphysema should avoid the inhalation of irritation dusts.					
Medical Conditions Aggravated by Exposure:	None.					
Target Organ Effects:	No data available.					
Carcinogenicity:	OSHA	No	IARC	No	NTP	No

Section 4—FIRST AID MEASURES	
Eye:	Flush for 15 minutes. Get medical attention.
Skin Contact:	Wash with soap and water.
Inhalation:	Remove to fresh air immediately. Get medical attention if symptoms persist.
Ingestion:	Do not induce vomiting. Aspiration of material into the lungs during vomiting may cause chemical pneumonia. If conscious, give large quantities of water. Consult a doctor immediately.
Note To Physician:	Treat for clinical symptoms.

Section 5—FIRE FIGHTING MEASURES						
Flash Point (Method Used):		No Flash; ASTM D-56 Tag closed cup				
Flammable Limits	LEL (lower explosion limit):	N/A				
	UEL (upper explosion limit):	N/A				
Extinguishing Media:		Use water, foam, or multipurpose dry chemical.				
Special Fire Fighting Procedures:		Wear self contained breathing apparatus to protect against oxygen deficiency and toxic gases that may form as the material burns. Impervious clothing should be worn by firefighters.				
Unusual Fire and Explosion Hazards:		The residue from any fire involving the material will be strongly alkaline.				
NFPA National Fire Protection Agency:		Health	1	Flammability	0	Reactivity 0
HMS Hazardous Material Identification:		Health	1	Flammability	0	Physical Hazard 0 PPE E

Section 6—ACCIDENTAL RELEASE MEASURES	
Spill or Leak Procedures:	Minimize dust, and then sweep up spilled material.

Section 7—HANDLING AND STORAGE			
Storage Temperature (MIN/MAX):	N/E	Shelf Life:	N/E
Handling/Storage Precautions:		Do not store near incompatible materials or sources of heat.	

Section 8—EXPOSURE CONTROLS/PERSONAL PROTECTION	
Engineering Controls:	
Respiratory Protection:	Not required under normal conditions of use. Use NIOSH approved respirator if the airborne concentration exceeds the OSHA PEL.
Skin Protection:	Use impervious rubber gloves to prevent skin contact.
Eye Protection:	Use safety goggles to prevent eye contact.

Section 9—PHYSICAL / CHEMICAL PROPERTIES			
Physical State:	Tablets	Freezing Point:	N/D
Appearance:	Large tan colored tablets	Melting Point:	N/A
Odor:	None	Boiling Point °F (°C):	N/A
Solubility in Water:	A portion of the material dissolves in water. The insoluble material remains as suspended solids.	Evaporation Rate:	N/A
Specific Gravity (H₂O = 1):	N/E	Vapor Density (AIR = 1):	N/A
pH:	N/D	Vapor Pressure (mm Hg):	N/A
Percent Volatiles (VOC):	0%		

Section 10—STABILITY AND REACTIVITY	
Chemical Stability:	Stable
Incompatibility:	N/D
Hazardous Decomposition Products:	Carbon monoxide and Carbon Dioxide will be produced if the material burns.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Strong acids and oxidizers

Section 11—TOXICOLOGICAL INFORMATION	
Long-term toxicological studies have not been conducted for this product.	

Section 12—ECOLOGICAL INFORMATION	
Ecotoxicological Information:	No data available
Environmental Fate:	No data available

Section 13—DISPOSAL CONSIDERATIONS	
With other normal solid waster in accordance with local, state and federal laws.	

Section 14—TRANSPORTATION INFORMATION	
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U.S. Proper Shipping Name:	N/A
DOT (Domestic Surface) Hazard Class or Division:	N/A
IMO / IMDG (Ocean) Hazard Class Division Number:	N/A
ICAO / IATA (Air) Hazard Class Division Number:	N/A

Section 15—REGULATORY INFORMATION	
SARA Title III Section 302 Extremely Hazardous Substances:	None
SARA Title III Section 311/312 Hazard Categories:	N/A
SARA Title III Section 313 Toxic Chemicals:	None
OSHA Status:	Not regulated
TSCA Status:	Chemical components listed on TSCA inventory
CERCLA Reportable Quantity:	N/A

Section 16—OTHER INFORMATION			
N/A	Not Applicable	N/E	Not Established
N/D	Not Determined		

Last Page