



We deliver the promise of dairy.

MATERIAL SAFETY DATA SHEET

REQUIRED UNDER USDL SAFETY AND HEALTH REGULATIONS FOR SHIP REPAIRING, SHIPBUILDING, AND SHIPBREAKING (29CFR 1915-16-17)			
SECTION I			
Manufacturer's Name Hilmar Ingredients	Emergency Telephone No. (209) 667-6076		
Address 9001 N Lander Ave Hilmar, CA 95324 USA			
			Issued: 7-11-2008 Supercedes: 3-29-2006
PART CODE	CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS	
200015		Hilmar™ 8390 Whey Protein Hydrolysate	
CHEMICAL FAMILY		FORMULA	
Protein			
SECTION II - HAZARDOUS INGREDIENTS			
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES			TLV (Units)
NOT APPLICABLE			
SECTION III - PHYSICAL DATA			
BOILING POINT (°F. UNLESS OTHERWISE SPECIFIED.) NOT APPLICABLE		SPECIFIC GRAVITY (H2O = 1) NOT APPLICABLE	
VAPOR PRESSURE (MM HG.) NOT APPLICABLE		PERCENT VOLATILE BY VOLUME (%) 0	
SOLUBILITY IN WATER Soluble		EVAPORATION RATE NOT APPLICABLE	
APPEARANCE AND ODOR A white to off-white powder with slight dairy odor			
SECTION IV - FIRE AND EXPLOSION HAZARD DATA			
FLASH POINT (°F. UNLESS OTHERWISE SPECIFIED.) NOT APPLICABLE		METHOD USED	FLAMMABLE LIMITS NOT APPLICABLE
			LEL
			UEL
EXTINGUISHING MEDIA Carbon Dioxide, Dry Chemicals			
SPECIAL FIRE FIGHTING PROCEDURES NOT APPLICABLE			
UNUSUAL FIRE AND EXPLOSION HAZARDS As with any organic dust, may be explosive if mixed with air in critical proportions. Maintain normal good housekeeping.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE <i>Not established. All ingredients Food Grade.</i>
EFFECTS OF OVEREXPOSURE <i>Unknown. May be irritating to skin and eyes.</i>
EMERGENCY AND FIRST AID PROCEDURES Possible allergen to those allergic to bovine dairy products. <i>Skin: Rinse with soap and water. Contact physician if irritation persists.</i> <i>Eyes: Flush copiously with water. Contact physician if irritation persists.</i>

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	*	
INCOMPATIBILITY (MATERIALS TO AVOID) <i>Not Found</i>			
HAZARDOUS DECOMPOSITION PRODUCTS <i>Not Found</i>			
HAZARDOUS POLYMERIZATION	MAY OCCUR WILL NOT OCCUR	*	CONDITIONS TO AVOID

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED <i>Flush away with water and detergent.</i>
WASTE DISPOSAL METHOD <i>In accordance with local, state and federal regulations.</i>

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Sp (SPECIFY TYPE) <i>Optional - NIOSH / MSHA approved respiratory mask</i>	
VENTILATION RECOMMENDED <i>Local Exhaust usual</i> <i>Mechanical (General) usual</i>	SPECIAL OTHER
PROTECTIVE GLOVES	EYE PROTECTION <i>Splash Goggles</i>
OTHER PROTECTIVE EQUIPMENT	

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING <i>Transport and store in clean, dry area; ambient temperature</i>
OTHER PRECAUTIONS

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