



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		
		Revision Date 11/22/2010 Supercedes: NA
PART CODE	CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Hilmar™ 9420 Whey Protein Isolate
CHEMICAL FAMILY Protein		FORMULA

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 (H20 = 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 <i>Possible allergen to those allergic to bovine dairy products. Skin: Rinse with soap and water. Contact physician if irritation persists. 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		CONDITIONS TO AVOID
	WILL NOT OCCUR	*	

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 _i (SPECIFY TYPE) <i>Optional - NIOSH / MSHA approved respiratory mask</i>	
VENTILATION RECOMMENDED <i>Local Exhaust usual 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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