



LABORATORIES

*****SAFETY DATA SHEET*****

1. PRODUCT INFORMATION					
1.1	Product Name: SS Protein Bonding Oil				
1.2	Product Identification: 257-59B				
1.3	Recommended Use / Product Use: Hair Care				
1.4	Manufacturer's Name/address/phone 2-2-0 LABORATORIES Inc. 2375 Third St, Riverside, CA 92507 TEL: (951) 683-2912 FAX: (951) 683-0952				
1.5	Emergency Phone: Chemtrec (24 hours) 1-800-424-9300 (Toll-Free in the USA) For international calls: 011-703-527-3887 (Collect calls are accepted) Contract # CCN5				
1.6	Created for: FEKKAI				
2. HAZARDOUS CLASSIFICATION OF PRODUCT INFORMATION					
Classification		Labelling			Hazard Statement codes
Hazard Class	Hazard Category	Pictogram	Signal Word: DANGER	Hazard Statement	
Aspiration Hazard	1			May be fatal if swallowed and enters airways.	H304
<p>P101: If medical advice is needed, have product container or label at hand.</p> <p>P102: Keep out of reach of children.</p> <p>P103: Read label before use.</p> <p>Prevention: P280: Wear face protection.</p> <p>Response: P301+P316+P331: IF SWALLOWED: Get emergency medical help immediately. DO NOT induce vomiting.</p> <p>Storage:</p> <p>Disposal: P501: Dispose of contents/container in accordance with local/regional/national/international regulation.</p>					
2.2	Other hazards which do not result in classification or are not covered by the GHS. NONE KNOWN				
3. COMPOSITION INFORMATION ON INGREDIENTS					
<i>NOTE: For information on ingredients, the competent authority rules for CBI take priority over the rules for product identification.</i>					
CHEMICAL IDENTITY		CAS #	EINECS#	% (In Total Formula)	FLASHPOINT
Hydrocarbons, C4, 1,3-butadiene-free, polymd., tetraisobutylene fraction, hydrogenated		93685-80-4	297-628-2	40 - 60	(95-100°C) (202-212°F)
3.1	Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance.				
None present					



LABORATORIES

*****SAFETY DATA SHEET*****

3.2	<ul style="list-style-type: none">Mixture: The chemical identity and concentration or concentration ranges of all ingredients which are hazardous within the meaning of the GHS and are present above their cut-off levels.Cut-off level for reproductive toxicity, carcinogenicity and category 1 mutagenicity is ³ 0.1% <p>Cut-off level for all other hazard classes is ³ 1%</p> <p><i>NOTE: For information on ingredients, the competent authority rules for CBI take priority over the rules for product identification.</i></p>	
NONE PRESENT		
4. FIRST AID MEASURES		
4.1	PRIMARY ROUTES OF EXPOSURE	
4.2	ACUTE	Target Organs or Systems
	INGESTION	Symptoms and Signs of Exposure
	EYES	IF SWALLOWED: Get emergency medical help immediately. DO NOT induce vomiting.
	DERMAL (SKIN)	Not expected to cause harm when used as directed. Flush eyes with water for 15 minutes. If irritation persists, seek medical attention
	INHALATION	Not expected to cause harm when used as directed. If irritation occurs, wash thoroughly with mild soap and water. If irritation persists, seek medical attention
4.3	CHRONIC	Target Organs or Systems
	INGESTION	Symptoms and Signs of Exposure
	EYES	Harmful if ingested.
	DERMAL (SKIN)	Not expected to cause harm when used as directed. Flush eyes with water for 15 minutes. If irritation persists, seek medical attention
	INHALATION	Not expected to cause harm when used as directed. If irritation occurs, wash thoroughly with mild soap and water. If irritation persists, seek medical attention
5. FIREFIGHTING MEASURES (RESPONSE)		
5.1	Extinguishing Methods: (suitable and unsuitable)	P370: In case of fire, use a fire extinguisher having a rating of not less than 12-B units. 1910.106(d)(7)(i)(a)
5.2	Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products).	None known
5.3	Special protective equipment and precautions for firefighters.	Fire should be fought from a safe distance. Firefighters should wear full face, self-contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES		
6.1	Personal precautions, protective equipment and emergency procedures:	Depending on extent of release, consider the need for fire fighters/emergency responders with adequate personal protective equipment for cleaning up. Do not eat, drink, or smoke while cleaning up.
6.2	Ventilation	Use with adequate ventilation
6.3	Respiratory	None required, when used with adequate ventilation
6.4	Environmental Precautions:	Do not dispose of product into storm drains or waterways.
6.5	Methods and materials for containment and cleaning up.	Exclude sources of ignition and ventilate the area. Avoid breathing vapors. Refer to protective measures in section 7 and 8.
7. HANDLING & STORAGE INFORMATION		
7.1	Precautions for Safe Handling:	Wash hands thoroughly after using this product and before eating, drinking, or smoking.



LABORATORIES

*****SAFETY DATA SHEET*****

7.2	Conditions for safe storage, including any incompatibilities.	P233: Keep container tightly closed.			
8. EXPOSURE CONTROLS & PERSONAL PROTECTION					
8.1	Control parameters, e.g., occupational exposure limit values or biological limit values.				
8.2	Appropriate engineering controls.				
8.3	Personal Protective Equipment: None required under normal conditions of use. When handling large quantities (e.g., ≥ 1 gallon), wear protective eyeglasses, gloves, boot, and apron per OSHA regulations (29 CFR 1910.133)				
CHEMICAL IDENTITY	CAS #	EINECS#	EXPOSURE LIMITS IN AIR		OTHER
			TLV ppm	PEL ppm	
Hydrocarbons, C4, 1,3-butadiene-free, polymd., tetraisobutylene fraction, hydrogenated	93685-80-4	297-628-2	Not established	Not established	Unknown
9. PHYSICAL & CHEMICAL PROPERTIES - TENTATIVE					
ND = NO DATA / N/A = NOT APPLICABLE					
		Concentrate			
9.1	Appearance: (physical state, color, etc.)	Opaque liquid			
9.1a	Color	Off white			
9.1b	Specific Gravity:	< 1.0			
9.1c	Viscosity:	N/A			
9.2	Odor	To Match Standard			
9.3	Odor Threshold	To Match Standard			
9.4	pH:	N/A			
9.5	Melting point/freezing point	No data available			
9.6	Initial Boiling Point and Boiling Range:	No data available			
9.7	Flashpoint:	>200°F			
9.8	Evaporation Rate	No data available			
9.9	Flammability: solid/gas	Liquid			
9.10	Upper/lower flammability or explosive limits	N/A			
9.11	Vapor pressure	N/A			
9.12	Vapor density	N/A			
9.13	Relative density	See specific gravity			
9.14	Solubility(ies)	WATER			
9.15	Partition coefficient: n-octanol/water	No Data Available			
9.16	Autoignition temperature	N/A			
9.17	Decomposition temperature	N/A			
9.18	Volatile Organic Compounds (VOC)	EXEMPT			
10. STABILITY & REACTIVITY					
10.1	Chemical Stability:	Stable under normal conditions of use			
10.2	Possibility of hazardous reactions:	Hazardous polymerization will not occur.			
10.3	Conditions to Avoid:	Use or storage near open flames, sparks, high heat (>100°F) or other heat sources			
10.5	Incompatible Substances:	Strong oxidizing agents			
10.2	Hazardous Decomposition Products:	Irritating vapors and toxic gases are not expected to occur when involved in fire			
11. TOXICOLOGICAL INFORMATION (1272/2008 Part2: Health Hazards)					
	Symbol	Hazard class and hazard category (2)	Pictogram (1)	Classification for this product	



LABORATORIES

*****SAFETY DATA SHEET*****

12. ECOLOGICAL INFORMATION			
12.1	Ecotoxicity (aquatic and terrestrial where available)		
12.2	Data is not determined experimentally on the finished good. It is compiled with known scientific evidence of compounds in the mixture. Product is not tested on animals. There is no data on the finished good.		
Acute hazard category 1 aquatic Toxicity			NOT CLASSIFIED
Chronic hazard category 1			NOT CLASSIFIED
Chronic hazard category 2			NOT CLASSIFIED
A pictogram is not required for the following environmental hazard classes and hazard categories: Section 4.1: Hazardous to the aquatic environment — Chronic hazard categories 3, 4			
Chronic Hazard Category 3			NOT CLASSIFIED
Chronic Hazard Category 4			NOT CLASSIFIED
Persistence and degradability			NO DATA
Bioaccumulative Potential			NO DATA
Mobility in soil			NO DATA
Other adverse effects			UNKNOWN
13. DISPOSAL CONSIDERATIONS			
13.1	Dispose of in accordance with federal, state or local regulations.		
14. TRANSPORTATION INFORMATION			
14.1	SHIPPING NAME:	Not regulated	49 CFR (GND) Finished packaged product transported by ground (DOT): Non-hazardous.
		Not regulated	IATA (AIR) Finished packaged product transported by vessel: Non-hazardous.
		Not regulated	IMDG (OCN) Finished packaged product transported by air: Non-hazardous.
14.2	MARINE POLLUTANT:	no	MARPOL 73/78 ANNEX III (HARMFUL SUBSTANCES IN PACKAGED FORM) 49 CFR APPENDIX B SECTION 172.101
15. REGULATORY INFORMATION			
15.1	Contents of this SDS comply with the OSHA Hazard Communication Standard CFR 1910.1200: <i>The Globally Harmonized System of Classification and Labelling of Chemicals (GHS)</i>		
15.2	EPA SARA Title III Chemical Listings Section 302 Extremely Hazardous Substances: None Section 304 CERCLA Hazardous Substances: None Section 313 Toxic Chemicals: None present, or none present in regulated quantities.		
15.3	California Proposition 65: No reportable components		
15.4	Contents of this SDS comply with the OSHA Hazard Communication Standard CFR 1910.1200		
	UN GHS: Globally Harmonized System of Classification and Labelling of Chemicals (GHS) ("The Purple Book"), United Nations, 2005 First Revised Edition, available online or from United Nations Publications . UN GHS website		
	USA: Federal Hazardous Materials Transportation Law (49 U.S.C. 5101 <i>et seq.</i>).		
	USA: OSHA Hazard Communication Standard 29 CFR 1910.1200.		
	DOT: U.S. DOT, 49 CFR Part 173, Subpart D.		
16. OTHER INFORMATION including information on preparation and revision of the SDS			
16.1	Version: 3 Revision: 1, 2 (1.7 – remove asterisk after CCN5) 3 (2.2, 11, 12) Revision date: 2019-07-23; 2019-10-30; 2020-03-30 Version 4: Revision: reformat sections 1,2,4 and 12. 2020-05-27 V 4 Rev 2 (2.2, 14.1) 2020-07-15 V4 Rev 3 2021-01-14 (remove ORM-D)		



LABORATORIES

*****SAFETY DATA SHEET*****

	<p>V4 Rev 4 (3-reference to REACH) 2021-01-27 Creation Date: 2022-07-22 Author/Initials: Victoria Morales VCM</p>
16.2	<p>Disclaimer: This Safety Data Sheet is offered pursuant to Globally Harmonized System²(GHS); OSHA's Hazard Communication Standard, 29 CFR § 1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of 2-2-0 Laboratories Inc.'s knowledge, the information contained herein is reliable and accurate as of the date issued; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided.</p>
	<p>Definitions: Flammable liquid means a liquid having a flash point of not more than 93°C. Substances and mixtures of this hazard class are assigned to one of four hazard categories on the basis of the flash point and boiling point (See Table 3.3). Flash Point is determined by closed cup methods as provided in the GHS document, Chapter 2.5, paragraph 11. Mixture means a mixture or a solution composed of two or more substances in which they do not react. CBI means "confidential business information". 12-B units; Fire extinguishers with a Class B rating are effective against flammable liquid fires. (Monoammonium phosphate, sodium bicarbonate).</p>