

Section 1: Identification

Product Name: Nohesion Serum

Manufacturer: Hesion Sciences, Inc.; 13609 Rosecrans Ave.; Santa Fe Springs, CA 90670

In emergency call 911.

For information about this SDS: 562-863-4811

For information about the product: 714-767-3944

Revision and date: 1.0; 25 June 2021

Section 2: Hazard(s) Identification

Hazard Classifications:

Skin irritation – category 2

Eye irritation – category 1

Flammable liquid – category 1

Acute toxicity – category 4

Signal Word(s): Danger

Hazard Statements: Harmful if swallowed. Causes skin irritation. Causes serious eye damage.

Pictograms:



Precautionary Statements:

Keep out of reach of children

Wash thoroughly after handling

Wear eye protection/face protection and protective gloves

Precautionary Statements – Response:

If swallowed: call a poison center/doctor if you feel unwell. Rinse mouth.

If skin irritation occurs: wash with plenty of water; get medical advice/attention

If in eyes: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists get medical attention.

Precautionary Statements – Disposal:

Waste management should be in full compliance with federal, state and local laws.

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Soybean oil		8001-22-7	>80%

Alcohol, ethoxylated	proprietary	<10%
----------------------	-------------	------

Section 4: First-Aid Measures

After skin contact: Flush skin with plenty of soap and water for 15 minutes while removing contaminated clothing.

After eye contact: Flush eyes with water for 15 minutes while holding eyelids open. Remove contact lenses. Get medical attention.

After inhalation: Remove to fresh air. If breathing is difficult seek medical attention.

After swallowing: Rinse out mouth with clean water. Get medical attention if you feel unwell

Most important symptoms/effects, acute and delayed: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain.

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Dry chemical, foam, carbon dioxide or fog is recommended to cool or protect exposed materials or structures.

Unsuitable extinguishing agents: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical: During fire, gaseous hazards to health may be formed.

Special protective equipment for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

General fire hazards: No unusual fire or explosion hazards noted.

Section 6: Accidental Release Measures

Personal precautions: Avoid high pressure washing or generation of aerosols. Material can create slippery situations. Keep unnecessary personnel away. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Measures for environmental protection: Stop spill release if it can be done safely. Prevent spilled materials from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth or other appropriate barriers.

Measures for cleaning/collecting: Sand, clay and absorbent socks can be used to contain a spill.

Other information: Oil soaked materials may spontaneously combust.

Section 7: Handling and Storage

Handling: Do not taste or swallow. Wash hands thoroughly after handling. Avoid contact with eyes, skin and clothing. Eyewash stations should be available where material is stored. Maintain adequate ventilation. Keep away from open flames, hot surfaces and sources of ignition.

Storage: Keep containers tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight, strong oxidizers and an incompatible materials. Store in original or approved containers and protect against physical damage. Keep containers securely sealed to prevent leakage.

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA TWA	OSHA TWA	ACGIH TLV (TWA)	ACGIH OEL (STEL)
Soybean oil	15 mg/m ³	5 mg/m ³	10 mg/m ³	no data

"vegetable oil mist"	(mist)	(respirable)		
Alcohol, ethoxylated	no data	no data	no data	no data

Respiratory Protection: If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Select a filter suitable for organic aerosols and mists meeting EN371.

Skin Protection: Use of oil-resistant gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber.

Eye Protection: Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, using in combination with a face shield.

Appropriate Engineering Controls: Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit values.

General Hygiene Considerations: Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash clothing and protective equipment to remove contaminants.

Section 9: Physical and Chemical Properties

Form: opaque golden liquid

Odor: slight vegetable oil

Odor threshold: n/a

pH: n/a

Melting point/melting range: -4°C (25°F)

Boiling point/boiling range: no information available

Flash point: approximately 321°C (610°F)

Evaporation rate: n/a

Flammability: no information available

Upper/lower flammability or explosive limits: n/a

Auto ignition temperature: none

Vapor pressure: no information available

Vapor density: no information available

Relative density: 0.9 (water = 1)

Solubility in/Miscibility with water: slightly soluble (forms emulsion)

Section 10: Stability and Reactivity

Chemical stability: stable under normal conditions of use

Conditions to avoid: heat, sparks, open flames and other ignition sources

Incompatible materials: strong oxidizing agents

Hazardous decomposition products: thermal decomposition may yield carbon dioxide, carbon monoxide and acrolein

Section 11: Toxicological Information

Potential routes of exposure/potential health effects

Skin: can cause skin irritation.

Eye: can cause serious eye irritation.

Inhalation: slightly irritating to respiratory system.

Ingestion: may be harmful if swallowed.

Carcinogenic effects: no data available.

Mutagenic effects: no data available.

Reproductive toxicity: no data available.

Sensitization: no data available.

Target organs: may cause drowsiness or dizziness.

Respiratory or skin sensitization: not expected to be a sensitizer

Acute toxicity: harmful if swallowed

Specific target organ – single exposure: no data available

Specific target organ – repeated exposure: no data available

Aspiration hazard: no known aspiration hazard

Section 12: Ecological Information

Ecotoxicity: not classified for ecotoxicity.

Mobility: mostly insoluble and floats on water.

Biodegradation: mostly biodegradable.

Bioaccumulation: no data available.

Other adverse effects: nothing specific known

Section 13: Disposal Considerations

Waste must be disposed of in full compliance with federal, state and local environmental regulations. Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers to help prevent combustion.

Section 14: Transport Information

DOT regulations: Not regulated as dangerous goods

IATA regulations: Not regulated as dangerous goods

IMDG/IMO: As packaged – not listed

Special Provisions for Transport: not available.

Section 15: Regulatory Information

Internationals Inventories

The components of this product are reported in the following inventories:

Chemical Name	TSCA	DSL	NDSL	ICL	EINECS	ELINCS	AICS
soybean oil	yes	yes	no	yes	yes 232-274-4	no	yes
Chemical Name	ENCS ISHL	China	PICCS	KECL	Taiwan	Turkey	NZIoC
soybean oil	no	yes	yes	yes KE-31718	yes	yes 232-274-4	yes

US Federal and State Regulations

SARA Section 355 (extremely hazardous substances): none

SARA Section 311/312 Hazardous Chemical: no

Classified hazard categories: acute toxicity (any route of exposure)
skin corrosion or irritation
serious eye damage or eye irritation

SARA Section 313 (specific toxic chemical listings): none

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): none

Ozone Depleting Substances: no Class I or Class II material is known to be used in the manufacture of, or contained in, this product.

CERCLA/SARA 103-302: none

State Regulations

California Proposition 65: this material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would require a warning under the statute.

State Right-to-Know Component Information

Chemical Name	Weight %	Massachusetts	Minnesota	New Jersey	Pennsylvania
soybean oil	80-100	no	no	no	yes
alcohol, ethoxylated	< 10	no	no	no	yes

Canada

(NPRI) Canadian National Pollutant Release Inventory: no known component is listed on NPRI

Other Classifications:

HMIS (U.S.A.):

Health Hazard: 3

Flammability: 1

Physical Hazard: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 3

Flammability: 1

Instability: 0

Section 16: Other Information

Disclaimer: the information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. Hesion Sciences Inc. provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your information, consideration and investigation. You should satisfy yourself that you have all current data relevant to your particular use. Hesion Sciences Inc. knows of no medical condition, other than those noted on this Safety Data Sheet, which are generally recognized as being aggravated by exposure to this product.

SDS date of preparation/update: 25 June 2021