Oat Protein, Hydrolyzed

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation

Revision Date: 30-Sep-2024
Supersedes: 11-Jun-2024

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Oat Protein, Hydrolyzed
Synonyms: No data available
INCI Name: Water, Hydrolyzed Oat Protein
CAS Number: 7732-18-5, 151661-87-9
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified.
GHS Labeling: Not a dangerous substance according to GHS.
GHS Hazard Pictograms: None.
GHS Hazard Statements: None.
GHS Precautionary Statements: None.
Potential Health Hazards: Eyes: Not expected to be an irritant.
Inhalation: Not expected to be an irritant.
Skin: Not expected to be an irritant.
Ingestion: May cause nausea, vomiting, or diarrhea.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Water	7732-18-5	76 - 83%	Not Available
Hydrolyzed Oat Protein	151661-87-9	17 - 24%	Not Available
Benzyl alcohol	100-51-6	0.5 - 0.8%	Not Available
Potassium sorbate	24634-61-5	0.1 - 0.2%	Not Available
Sodium benzoate	532-32-1	0.1 - 0.2%	Not Available

4 FIRST AID MEASURES

Eyes: Flush with water; seek medical advice if discomfort persists.
Inhalation: Not applicable, avoid breathing liquid or aerosols of material.
Skin: Wash material off the skin with soap and water.
Ingestion: Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Drink water, seek medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperatures. Use appropriate media (dry chemical, CO2, foam, halon, water spray (fog)) for surrounding environment for adjacent fire. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus with full-face piece, including eye protection and boots. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Flash Points: > 250°F

Specific hazards arising from the chemical: None known. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Ensure adequate ventilation. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Non-hazardous, but avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.

Methods and material for containment and cleaning up: Pick up with absorbent material and collect for disposal. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Keep working place well ventilated; no special precautions are needed under normal use conditions. Use good personal hygiene practice. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for recommendations on the use of personal protective equipment.

Conditions for safe storage, incl. any incompatibilities: Avoid temperatures above 40ºC. Optimum storage temperature is 24º C or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods. Storage Class (TRGS 510): Non-combustible liquids. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Oat Protein, Hydrolyzed	No limits established		

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes: Wear chemical goggles with side splash protection.

Inhalation: None required under normal conditions of use.

Body: Wear protective gloves. Lightweight protective clothing is recommended.

Other: Use good personal hygiene practices. Launder contaminated clothing before re-use. General mechanical ventilation is acceptable. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to slightly hazy liquid	**Vapor Pressure:**	Not determined
Odor:	Characteristic, slight	**Vapor Density:**	Not determined
Odor Threshold:	No data available	**Evaporation Rate:**	Not applicable
Color:	Pale yellow	**Flammability:**	Not flammable
Molecular Weight:	No data available	**Upper/lower Explosive Limit:**	Not applicable
pH:	4.0 - 5.0	**Flash Point:**	> 250˚F
Boiling Point:	215˚F (101.6˚C)	**Specific Gravity at 25˚C:**	1.07
Melting/Freezing Point:	Not determined	**Water Solubility:**	No data available
Relative Density:	No data available	**Auto-Ignition Temperature:**	No data available
Partition Coefficient: n-octanol/water:	No data available	**Decomposition Temperature:**	No data available
Viscosity:	Not determined	**Explosive Properties:**	None
Oxidizing Properties:	None	**Metal Corrosion:**	No data available

10 STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical Stability:	No known hazardous reactions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Gross bacterial contamination.
Incompatible Materials:	Concentrated nitric or sulfuric acid, strong oxidizing agents.
Hazardous Decomposition Products:	Burning can produce smoke, CO, CO2, ammonia, and other products of incomplete combustion.
Possible Hazardous Reactions:	None known.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	Not expected to be irritating.
Eyes:	No data available.
Inhalation:	Not expected to be irritating.
Ingestion:	Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.
Carcinogenicity:	None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive (EC) No 1272/2008 for CMR, categories 1A and 1B.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Not expected to present a germ cell mutagenicity hazard.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	Not expected to affect reproduction or development.
Skin Sensitization:	Not expected to be sensitizing.
Skin Corrosion:	Non-corrosive.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data available.
Aquatic Vertebrate:	Not tested.
Aquatic Invertebrate:	Not tested.
Terrestrial:	Not tested.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	Not expected to be bio-accumulative in aquatic organisms.
Mobility in Soil:	Since the product is completely soluble in water, it is expected to be highly mobile in soil.
PBT and vPvB Assessment:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Endocrine Disrupting Properties:	None known.
Other Adverse Effects:	None known.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Sewage disposal is discouraged. Users should review their operations in terms of the applicable federal, national, or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	Not regulated.
ADR, RID, ADN (EU Land Transport):	Not regulated.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Not Listed.
Canada (DSL):	Not Listed.
EU (EINECS, ELINCS, NLP):	Listed.
China (IECSC):	Listed.
Australia (AICS):	Not Listed.
Japan (ENCS):	Not Listed.
Philippines (PICCS):	Not Listed.
Korea (KECI):	Not Listed.
New Zealand (NZIoC):	No data available.
Germany:	Water Class Hazard (Wassergefährdungsklasse): WGK 1.
Chemical Safety Assessment:	No Chemical Safety Assessment has been carried out for this mixture by the supplier and it has been deemed safe based on appropriate use in section 1.2 and 7.4 in this Safety data sheet.

16 OTHER INFORMATION

Revision Date:	30-Sep-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.