Product Name: Neo protein saver (NPS-301)
First issue: Feb. 10, 2006
Reviced: Apr. 1, 2021
SDS No. 548F

10 Chemcial Product and Company Identification

Identification of the product Neo protein saver
Product Code NPS-301
Supplier Name TOYOBO CO., LTD.
Address 2-8, Dojima Hama 2-chome, Kita-ku, Osaka 530-8230, Japan
Department Biotechnology Overseas Sales and Marketing Department
Phone +81-6-6348-3843
Fax +81-6-6348-3833

20 Recommended use and restrictions on use
diagnostic product

30 Hazard Identification
Most Important Hazards and Effects The product might cause allergic reactions upon inhaling or skin contact because of the protein contained.

40 Composition/Information on Ingredients
Substance/Mixture Mixture
Chemical Nature Neo protein saver
CAS# 60650-89-7, 60650-88-6
Concentration or concentration range ca. 85% (W/W)
Stabilizer, etc ca. 15% (W/W)
The ingredients known as hazardous are not included.

50 First Aid Measures
Inhalation Remove to fresh air. Consult a physician when unpleasantness occurs.
Skin Contact Wash off with plenty of water. Consult a physician when inflammation on the skin occurs.
Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion Swill plentiful amount of water or milk for immediate vomiting, consult a physician.

60 Fire Fighting Measures
Extinguishing Media Water spray, dry chemical powder, or carbon dioxide etc.
Protection of Firefighters Avoid working at leeward.

70 Accidental Release Measures
Environmental Precautions High concentrated waste fluid should not be directly discharged into rivers.
Clean up the solution spilled with cloth, paper or anything similar to soak up the solution leaking out of the container.

80 Handling and Storage
Handling Technical Measures Wear protective gear to avoid eye/skin contact and inhalation.
Do not drop the container to prevent the content popping out.
Precautions None specified.
Storage Technical Measures Keep sealed container.
Incompatible substances and mixtures None specified.
Storage Conditions Store under 25°C.
Packaging Materials Use the initial container of the product.

90 Exposure Controls/Personal Protection
Engineering Measures Provide shower and eye washing apparatus nearby.
Personal Protective Equipment Respiratory Protection Protecting mask.
Hand Protection Protecting gloves (rubbers or plastic gloves etc.).
Eye Protection Safety goggles.
Skin and Body Protection Long sleeve working wear.

100 Additional Information
Wear protective gear to avoid eye/skin contact and inhalation. Do not work at leeward.
Personal Precautions, protective equipment and emergency procedure.
2/2

Product Name: Neo protein saver (NPS-301)

First issue : Feb. 10. 2006
Reviced: Apr. 1. 2021

SDS No. 548F

Safety Data Sheet

Physical and Chemical Properties

Physical State Powder

Colour/Odour White /No odour

pH ca. pH 6.5—7.5 in the case of 100mg/ml in water.

Decomposition Temperature No information available.

Flash Point No information available.

Density No information available.

Solubility Easily soluble in water.

Stability and Reactivity

Stability Stable at temperatures below 25°C.

Possible hazard reactions at specific conditions Not specified.

Conditions to avoid Prolonged storage at temperatures higher than room temperature and high humidity.

Materials to avoid Any materials which dissolve or destroy proteins such as strong acid or alkali.

Hazardous Decomposition Products No information available.

Toxicological Information

Acute Toxicity No information available.

Skin corrosion/irritation

Eye damage/irritation

Carcinogenicity

Toxic to reproduction

Specific target organ toxicity

Skin sensitization

Germ cell mutagenicity

Specific target organ systemic toxicity

(Repeated exposure)

Aspiration toxicity

Sensitization

Germ cell mutagenicity

Specific target organ systemic toxicity

Environmental Information

Persistence/Degradability This product is biodegradable and does not remain on the environment for long.

Disposal Considerations

Residues Dispose of in accordance with all applicable local and national laws and regulations.

Contaminated packaging Wash with copious amounts of water and waste conforming to local regulations depending on the type of the material.

Transport Information

International Regulations Not applicable.

Domestic Regulations Not applicable.

Specific Precautions Keep at temperatures under 25°C.

Regulatory Information

Regulations Follow all of the laws and regulations in your country.

Other Information

Notice The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution. The SDS is subject to revision as new information becomes available. The information in this SDS, to the best of our knowledge, is accurate and correct. However, TOYOBO makes no warranty and assumes no liability whatsoever in connection with any use of this information.