

SAFETY DATA SHEET (SDS)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: 20543-1-AP

Catalog Number: DYKDDDDK tag Polyclonal antibody (Binds to FLAG® tag epitope)

Chemical Name: Not applicable

REACH registration number: No registration number is given yet for this substance / substances in this mixture since the annual import quantity is less than one tonnage per annum or the transition period for its registration according to Article 23 of REACH has not yet expired.

Company/undertaking Identification:

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Emergency telephone number:

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2. HAZARDOUS IDENTIFICATION:

Classification according to Regulation (EC) No 1272/2008 [CLP]

Physical hazards: Not hazardous

Health hazards: Not Hazardous

Environmental Hazards: Not Hazardous

Additional information: Not applicable

Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms: None

Signal word: None

Hazard statements: Not applicable

EU Specific Hazard Statements: Not applicable

Precautionary Statements

Prevention: Not applicable

Response: Not applicable

Storage: Not applicable

Disposal: Not applicable

Other Hazards: Not applicable

3. INGREDIENT COMPOSITION/INFORMATION:

Glycerol	50%	Cas#56-81-5
Water	40-50%	Cas#7732-18-5
Animal proteins	10-50%	
Sodium Chloride	<1%	Cas#7647-14-5
Sodium Phosphate, Dibasic	<1%	Cas#7558-79-4
Sodium Azide	<0.1%	Cas#26628-22-8

4. FIRST AID MEASURES:

Skin Contact	Wash off skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse.
Eye Contact	Ensure adequate flushing of eye contamination for at least 15 minutes.

Inhalation	Remove from exposure, rest and keep warm.
Ingestion	Wash mouth out thoroughly with water and drink plenty of water.

Most important symptoms and effects: both acute and delayed Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Advice for emergency responders: For further assistance, contact your local Poison Control Center.

Protection of first-aid responders: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE FIGHTING MEASURES:

Suitable extinguishing media: Water Spray, Carbon Dioxide, Dry Chemical Powder, or appropriate foam.

Unsuitable extinguishing media: No information available

Special hazards arising from the substance or mixture: Not known. Advice for fire-fighters: Standard procedure for chemical fires

6. ACCIDENTAL RELEASE MEASURES:

Wear appropriate personal protective clothing (Section 8). Mop up with an absorbent cloth and arrange removal by a disposal company. Wash site of spillage thoroughly with water and detergent and prevent further leakage or spillage if safe to do so. No special environmental precautions required.

7. HANDLING AND STORAGE:

Use only in area provided with exhaust ventilation. Avoid contact with skin, eyes and clothing. Wear appropriate protective clothing (Section 8). Keep container tightly closed, and in a cool, well-ventilated area. Store at -20°C.

8. EXPOSURE CONTROLS/PPE:

Follow good laboratory practice when handling this product. Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Recommended personal protection equipment

Eye protection: Laboratory safety goggles.

Hands: Chemical resistant gloves.

Skin: Laboratory protective clothing.

Respiratory: Fume hood or in areas with adequate ventilation.

Control Parameters:

Glycerol:

ACGIH TLV: Not applicable

OSHA PEL: TWA mist, total particulate – 15mg/m³, TWA mist, respirable fraction: 5 mg/m³

NIOSH REL: Not applicable

Sodium Azide:

ACGIH TLV: Ceiling: 0.29 mg/m³ Ceiling: 0.11 ppm

OSHA PEL: Not applicable

NIOSH REL: Ceiling: 0.3 mg/m³, Ceiling: 0.1 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Colorless liquid

Odor: None

Melting point/melting range: Untested

Boiling point/boiling range: Untested

Flash point: Untested

Autoignition temperature: Untested

Decomposition temperature: Untested

Evaporation rate: Untested

Flammability: Untested

Upper explosion limit: Untested

Lower explosion limit: Untested

Vapor pressure: Untested

Relative density: Untested

Specific gravity: Untested

Solubility: Untested

Partition coefficient: Untested

Explosive properties: Untested

10. CHEMICAL STABILITY AND REACTIVITY:

Reactivity: None known

Chemical stability: Stable under normal conditions

Possibility of hazardous reactions: None reported

Conditions to avoid: No information available

Incompatible materials: No dangerous reaction known

Hazardous decomposition products: None

11. TOXICOLOGICAL INFORMATION:

Inhalation: May be irritating to mucous membranes and upper respiratory tract. Eye contact: May cause irritation

Skin contact: May cause irritation

Ingestion: May be harmful if swallowed

Carcinogenic effects: Not available

Mutagenic effects: Not available

Reproductive toxicity: Not available

STOT – Single exposure: Not available

STOT – Repeated exposure: Not available

Teratogenic effects: Not available

12. ECOLOGICAL INFORMATION:

Data not yet available.

13. DISPOSAL CONSIDERATIONS:

Dispose of waste in accordance with local and national regulations.

14. TRANSPORT INFORMATION:

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION:

Substances of Very High Concern: None.

Restricted substances under EC 1907/2006, Annex XVII: None.

Substances listed under Annex I of Regulation (EC) No 689/2008: None.

Restricted substances under Annex V of Regulation (EC) No 689/2008: None.

Substances under Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC: None.

German Water hazard classes (Wassergefährdungsklassen): Not classified. Other International Inventories: No information available

16. OTHER INFORMATION:

Reason for revision: SDS sections update

Revision number: 7

Revision: 11/8/2019

The above information is believed to be correct but should only be used as a guide for experienced personnel. Proteintech Group Inc. will not be liable for any damage resulting from the handling of or from contact with the above product.

For lab use only, not for diagnostic or therapeutic work.

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