

SAFETY DATA SHEET (SDS)

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

Product Name: Foxp3 / Transcription Factor Fix/Perm Concentrate (4X) PF00011-A
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:

Proteintech Group
 5400 Pearl Street
 STE 300
 Rosemont, IL 60018
 312-455-8498

Emergency telephone number:
 312-455-8498, ext 802

2. HAZARDOUS IDENTIFICATION:

Classification of the substance or mixture

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H227 Combustible liquid.

Label elements

Labeling according to the Globally Harmonised System (GHS).

Hazard pictograms:



GHS07 GHS08

Signal Word: Danger

Hazard Statements

Combustible liquid.
 Causes skin irritation.
 Causes serious eye irritation.
 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 May cause respiratory irritation.

Precautionary Statements

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Wear respiratory protection.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations

HMIS

Health: 3
 Flammability: 1
 Reactivity: 1

3. INGREDIENT COMPOSITION/INFORMATION:

Mixture of the substances listed below, and additional trade secret chemicals.

Paraformaldehyde	<10%	CAS No. 30525-89-4
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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 dark, well-ventilated area. Store at 4 °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:

Component	CAS No.	Value	Control parameters
Paraformaldehyde	30525-89-4	TWA	0.12 mg/m ³

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 data available
 Incompatible materials: None reported
 Hazardous decomposition products: No data available

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:
 Oral LD50-Paraformaldehyde-800 mg/kg (rat)
 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:

US Toxic Substances Control Act (TSCA): Not listed
 SARA 302: No chemicals were found.
 SARA 313: No chemicals were found.
 SARA 311/312 Hazards : No chemicals were found.

16. OTHER INFORMATION:

Reason for revision: New product
 Revision number: 1
 Revision: 2/4/2025

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.

SAFETY DATA SHEET (SDS)

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

Product Name: Foxp3 / Transcription Factor Fix/Perm Diluent (1X) PF00011-B
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:

Proteintech Group
 5400 Pearl Street
 STE 300
 Rosemont, IL 60018
 312-455-8498

Emergency telephone number:
 312-455-8498, ext 802

2. HAZARDOUS IDENTIFICATION:

GHS – Classification

Signal Word: None
 Hazard pictograms: None
 Health hazards: Not Hazardous
 Physical hazards: Not Hazardous
 Environmental hazards: Not Hazardous
 Hazard Statements: Not Applicable

Precautionary Statements

Prevention: Not Applicable
 Response: Not Applicable
 Storage: Not Applicable
 Disposal: Not Applicable
 Other hazards: Not Applicable

HMS

Health: 0
 Flammability: 0
 Reactivity: 0

3. INGREDIENT COMPOSITION/INFORMATION:

Mixture of the substances listed below, and additional trade secret chemicals.

Sodium azide	0.09%	CAS No. 26628-22-8
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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 dark, well-ventilated area. Store at 4 °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:

Not applicable

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 data available
Incompatible materials: None reported
Hazardous decomposition products: No data available

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:
Oral LD50-Sodium azide-27 mg/kg (rat)
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:

US Toxic Substances Control Act (TSCA): Not listed
SARA 302: No chemicals were found.
SARA 313: No chemicals were found.
SARA 311/312 Hazards : No chemicals were found.

16. OTHER INFORMATION:

Reason for revision: New product
Revision number: 1
Revision: 2/4/2025

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SAFETY DATA SHEET (SDS)

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

Product Name: Flow Cytometry Perm Buffer (10X) PF00011-C

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:

Proteintech Group
5400 Pearl Street
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312-455-8498

Emergency telephone number:
312-455-8498, ext 802

2. HAZARDOUS IDENTIFICATION:

GHS – Classification

Signal Word: None

Hazard pictograms: None

Health hazards: Not Hazardous

Physical hazards: Not Hazardous

Environmental hazards: Not Hazardous

Hazard Statements: Not Applicable

Precautionary Statements

Prevention: Not Applicable

Response: Not Applicable

Storage: Not Applicable

Disposal: Not Applicable

Other hazards: Not Applicable

HMIS

Health: 0

Flammability: 0

Reactivity: 0

3. INGREDIENT COMPOSITION/INFORMATION:

Mixture of the substances listed below, and additional trade secret chemicals.

Sodium azide	0.09%	CAS No. 26628-22-8
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4. FIRST AID MEASURES:

Skin Contact	Wash off skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse.
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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

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7. HANDLING AND STORAGE:

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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:

Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Faint yellow 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

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