

MATERIAL SAFETY DATA SHEET

Goat Immunoglobulin G HRP Conjugate

FILE NO.: GtlgGHRP
MSDS DATE: 11 March 2020

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Goat Immunoglobulin G HRP Conjugate
SYNONYMS: Goat IgG-HRP, Goat Antibody Horseradish Peroxidase, Goat Secondary Antibodies
PRODUCT CODES: Peroxidase Gt x Alpha -# # #-Alpha HRP

MANUFACTURER: ImmunoReagents, Inc.
DIVISION:
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Raleigh, NC 27587

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PRODUCT USE: Immunoreagent
PREPARED BY: ImmunoReagents, Inc.

SECTION 1 NOTES: Not regulated as per IATA

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	% WT or Amount
Horseradish Peroxidase	9003-99-0	0.10%
Kathon CG (Active Ingredients)		
Methyl chloroisoithiazolinone	26172-55-4	0.11%
Methyl isoithiazolinone	2682-20-4	0.04%
Phosphate Buffer Saline	N/A	99.75%

SECTION 3: HAZARDS IDENTIFICATION

Kathon CG – 0.1% (w/v) used as an anti-microbial. Based on OSHA Hazard Communications Standard (CFR 1910:1200), a mixture containing less than 1% of a hazardous chemical shall not be considered hazardous. However, precautions for handling potentially hazardous reagents should be practiced when using these products.

EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Skin contact, ingestion, inhalation, eye contact

POTENTIAL HEALTH EFFECTS

EYES: Unknown

SKIN: Unknown

INGESTION: Unknown

INHALATION: Unknown

ACUTE HEALTH HAZARDS: Unknown

CHRONIC HEALTH HAZARDS: Unknown

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Unknown

CARCINOGENICITY: Unknown

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

PAGE 1 OF 3

Rev.5 031120TBT

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SKIN: In case of contact, immediately wash well with mild soap copious amounts of water. Remove any contaminated clothing. Flush skin surface with additional water.

EYES: Immediately flush eyes with copious amounts of water for at least 15 minutes and get medical attention.

ORAL: Flush mouth with copious amounts of water. Do not swallow rinse water.

INHALATION: If inhaled move victim to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen, and call physician. If warranted, seek medical attention. If possible, save sample of material that caused reaction for use in determination of appropriate treatment.

SECTION 5: FIRE-FIGHTING MEASURES

Non-flammable

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES

Local exhaust: Not Required

Protective clothing: Lab Coat

Protective gloves: Rubber/Latex

Eye protection: Safety glasses

Other precautions: Avoid contact and inhalation; do not get in eyes, on skin or clothing. Do not pipet by mouth. Wash contaminated clothing before reuse.

Respiratory protection: None normally required.

Leak and spill procedure: Absorb spills of reagents and patients samples with absorbent paper, taking care not to spread the material. Clean spill area with water.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: -2-8C

OTHER PRECAUTIONS: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters of Hazardous Ingredients Kathon CG – 0.1% (w/v) used as an anti-microbial. Based on OSHA Hazard Communications Standard (CFR 1910:1200), a mixture containing less than 1% of a hazardous chemical shall not be considered hazardous. However, precautions for handling potentially hazardous reagents should be practiced when using these products.

ENGINEERING CONTROLS: None

VENTILATION: None

RESPIRATORY PROTECTION: None

EYE PROTECTION: Safety glasses

SKIN PROTECTION: Gloves/Lab coat

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES: Use standard protocols for unknown compounds

EXPOSURE GUIDELINES: unknown

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Brown Powder/ liquid when rehydrated

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PHYSICAL STATE: suspension in liquid

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: Stable at 2-8C.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Unknown

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Unknown

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Treat as organic hazardous waste

SECTION 14: TRANSPORT INFORMATION

DOT

PROPER SHIPPING NAME: NONE

NON-HAZARDOUS FOR TRANSPORT: THIS SUBSTANCE IS CONSIDERED TO BE NON-HAZARDOUS FOR TRANSPORT.

IATA

NON-HAZARDOUS FOR AIR TRANSPORT: NON-HAZARDOUS FOR AIR TRANSPORT.

SECTION 15: REGULATORY INFORMATION

NOT AVAILABLE.

SECTION 16: OTHER INFORMATION

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