Safety Data Sheet

Version 1.0 Revision Date 01-01-2024



1. Product and Company Identification

Product Name Goat anti-4-HNE Antibody

Catalog Number A150-120A-0.1MG, A150-120A-1MG

Supplier Bethyl Laboratories, Inc.

25043 West FM 1097

Montgomery, TX 77356

Telephone 800-338-9579 Fax 866-597-6105

Product Use For Research Use Only, Not for Diagnostic Use.

2. Hazards Identification

GHS Classification

Not a hazardous substance or mixture.

GHS Label elements

Pictogram none Signal word none

Precautionary Statement(s) none

HMIS Classification

Health hazard 0 Flammability 0 Physical hazards 0

NFPA Classification

Health hazard 0
Fire 0
Reactivity hazards 0

3. Composition/Information on Ingredients

Mixtures

No ingredients are hazardous according to OSHA criteria.

No components need to be disclosed according to the applicable regulations.

4. First Aid Measures

If swallowed Rinse mouth with water provided person is conscious.

Skin contact Wash skin with soap and plenty of water.

Eye exposure Flush with water as a precaution.

If inhaled Move person to fresh air. If not breathing, give artificial respiration. Consult a physician.

5. Fire-Fighting Measures

Conditions of flammability

Not flammable or combustible

Extinguishing Media

Water, foam, carbon dioxide, or dry chemical

Unusual Fire & Explosion Hazard

No usual fire or explosion hazards noted.

Special protective equipment for firefighters

Wear self-contained breathing apparatus if necessary.

6. Accidental Release Measures

Personal precautions

If spill occurs, wear protective gloves and clean up the spill area with inert absorbent material. Avoid post-cleanup contact of chemical with skin, eyes or inhalation.

Environmental precautions

Do not allow to enter drains, sewers or watercourses.

Methods and materials for containment and cleaning up

Dispose of clean-up waste in suitable closed containers

7. Handling and Storage

Conditions of safe storage

Keep container tightly closed and upright to prevent leakage.

Recommended storage temperature is 2 - 8°C.

8. Exposure Controls/Personal Protection

Contains no substance with occupational exposure limit values

Respiratory protection

If area is well ventilated, respiratory protection not required.

Hand protection

Handle with gloves.

Eye protection

Wear safety goggles.

Skin and body protection

Lab coat to limit skin exposure

General hygiene

Wash hands before breaks and at the end of each work shift and before eating, smoking or using the toilet. Wash contaminated clothing and shoes before reuse.

9. Physical and Chemical Properties

Appearance

Form liquid Color colorless

Odor no characteristic odor

Safety Data

pH no data available

Melting point/

Freezing point no data available
Boiling point no data available
Flash point no data available
Ignition point no data available

Auto-ignition

Temperature no data available
Lower explosion limit
Upper explosion limit
Vapor pressure no data available
Density no data available
Water Solubility no data available

Partition coefficient

n-octanoic/water no data available Relative vapor density no data available Evaporation rate no data available

10. Stability and Reactivity

Chemical stability

Product is stable under normal conditions of storage and use.

Possibility of hazardous reactions

No data available

Conditions to avoid

No data available

Materials to avoid

Strong acids

Hazardous decomposition products

Under normal conditions and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Acute toxicity (Oral LD50) No data available

Skin corrosion/irritation No data available

Serious eye damage/eye irritation No data available

Germ Cell Mutagenicity No data available

Carcinogenicity Not listed by IARC, ACGIH, NTP, OSHA

Reproductive toxicity No data available

Specific target organ toxicity

single exposure No data available

Specific target organ toxicity

repeated exposure No data available

Aspiration hazard No data available

Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if adsorbed through skin. May cause skin irritation.

Eyes May cause eye irritation

Health Warnings To the best of our knowledge, the chemical, physical and toxicological properties have not

been thoroughly investigated.

12. Ecological Information

Toxicity No known OSHA hazards.

Persistence and degradability No data available

Bioaccumulative potential No data available

Mobility in soil No data available

PBT and vPvb assessment No data available

Other adverse effects Harmful to aquatic life

13. Disposal Considerations

Dispose of material in accordance with federal, state, and local regulations.

14. Transportation Information

No special transport regulations

DOT (US)

ADR (road)/RID(rail)

IMDG (sea)

ICOA/IATA (air)

Not dangerous goods

Not dangerous goods

Not dangerous goods

15. Regulatory Information

OSHA Hazards

No known OSHA hazards

SARA 302 Components

The following components are subject to reporting levels established by SARA title III, Section 302:

Sodium Azide CAS No. 26628-22-8

SARA 311 Components

No chemical components were found

SARA 311/312 Hazards

No SARA hazards

Canadian WHMIS

Not controlled under WHMIS.

EU Regulation/Classification/Labeling information

The product is classified and labeled in accordance with Regulation EC No 1272/2008.

16. Other Information

For research use only.

Read instructions for use before using the product. Observe the general safety regulations when handling chemicals.

The above information is believed to be correct but does not purport to be all-inclusive and is intended to be used only as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state, or local laws or regulations.

Prepared by: Safety Department

Bethyl Laboratories, Inc.

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