



60021FI 60021FI.1 - Anti-Human CD56 (NCAM) Antibody, Clone HCD56, FITC

Revision Date 07-Jun-2021 Revision Number 1.1

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

Product identifier

Product Name Anti-Human CD56 (NCAM) Antibody, Clone HCD56, FITC

None

Other means of identification

Catalog Number 60021FI 60021FI.1

Document Number DX22153

Synonyms

Recommended use of the chemical and restrictions on use

Recommended Use Laboratory reagent

Details of the supplier of the safety data sheet

Manufacturer/Supplier

STEMCELL Technologies Canada Inc. Suite 500 - 1618 Station Street Vancouver, British Columbia V6A 1B6 Canada

Emergency telephone number

Emergency Telephone 1-800-667-0322

2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

Hazard statements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)





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The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance Clear

Physical state Liquid

Odor No data available

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Other Information

Not applicable

Unknown acute toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

| Inhalation | Remove to fresh air. |
|--------------|--|
| Eye contact | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| Skin contact | Wash skin with soap and water. |





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Ingestion Clean mouth with water and drink afterwards plenty of water. Most important symptoms and effects, both acute and delayed No information available. Symptoms Indication of any immediate medical attention and special treatment needed Treat symptomatically. Note to physicians 5. FIRE-FIGHTING MEASURES Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Unsuitable extinguishing media CAUTION: Use of water spray when fighting fire may be inefficient. No information available. Specific hazards arising from the chemical Explosion data Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None. Special protective equipment for Firefighters should wear self-contained breathing apparatus and full firefighting turnout fire-fighters gear. Use personal protection equipment. 6. ACCIDENTAL RELEASE MEASURES

 Personal precautions, protective equipment and emergency procedures

 Personal precautions
 Ensure adequate ventilation.

 Environmental precautions
 See Section 12 for additional Ecological Information.

 Methods and material for containment and cleaning up
 Prevent further leakage or spillage if safe to do so.

SUITE 500 - 1618 STATION STREET VANCOUVER BRITISH COLUMBIA V6A 1B6 CANADA
WWW.STEMCELL.COM = TOLL-FREE TEL 1 800 667 0322 = TOLL-FREE FAX 1 800 567 2899 = INFO@STEMCELL.COM





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| Methods for cleaning up | Pick up and transfer to properly labeled containers. |
|---------------------------------|--|
| Prevention of secondary hazards | Clean contaminated objects and areas thoroughly observing environmental regulations. |

7. HANDLING AND STORAGE

| Precautions for safe handling | | |
|--|---|--|
| Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. | | |
| Conditions for safe storage, including any incompatibilities | | |
| Storage Conditions | Store in accordance with information listed on the Product Information Sheet (PIS). | |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure LimitsThis product, as supplied, does not contain any hazardous materials with occupational
exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

| Engineering controls | Showers |
|----------------------|----------------------|
| | Eyewash stations |
| | Ventilation systems. |

Individual protection measures, such as personal protective equipmentEye/face protectionNo special protective equipment required.Skin and body protectionNo special protective equipment required.Respiratory protectionNo protective equipment is needed under normal use conditions. If exposure limits are
exceeded or irritation is experienced, ventilation and evacuation may be required.General hygiene considerationsHandle in accordance with good industrial hygiene and safety practice.





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9. PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties **Physical state** Liquid Appearance Clear Color No information available Odor No data available **Odor threshold** No data available Property Values Remarks • Method pН No data available None known Melting point / freezing point No data available None known Boiling point / boiling range No data available None known Flash point No data available None known **Evaporation rate** No data available None known Flammability (solid, gas) No data available None known Flammability Limit in Air None known Upper flammability limit: No data available Lower flammability limit: No data available Vapor pressure No data available None known Vapor density No data available None known **Relative density** No data available None known Water solubility No data available None known Solubility in other solvents No data available None known No data available Partition coefficient None known No data available None known Autoignition temperature No data available **Decomposition temperature** None known Kinematic viscosity No data available None known Dynamic viscosity No data available None known No data available **Explosive properties** No information available **Oxidizing properties** Other Information No information available Softening point Molecular weight No information available Molecular formula No information available No information available VOC Content (%) Liquid Density No information available No information available **Bulk density 10. STABILITY AND REACTIVITY**

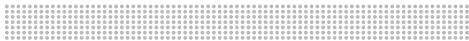
Reactivity

No information available.

Chemical stability

Stable under normal conditions.





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| Possibility of hazardous reactions | None under normal processing. |
|--|---|
| Conditions to avoid | None known based on information supplied. |
| Incompatible materials | None known based on information supplied. |
| Hazardous decomposition products None known based on information supplied. | |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

| Inhalation | Specific test data for the substance or mixture is not available. |
|--|---|
| Eye contact | Specific test data for the substance or mixture is not available. |
| Skin contact | Specific test data for the substance or mixture is not available. |
| Ingestion Specific test data for the substance or mixture is not available. | |
| Symptoms related to the physical, chemical and toxicological characteristics | |

Symptoms No information available.

Numerical measures of toxicity

Acute toxicity

Unknown acute toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

0 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

0 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist) Product Information

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| Skin corrosion/irritation | No information available. |
|---------------------------|---------------------------|
| Product Information | |





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| Serious eye damage/eye irritation | No information available. | |
|-----------------------------------|---------------------------|--|
| Product Information | | |
| Respiratory or skin sensitization | No information available. | |
| Product Information | | |
| Germ cell mutagenicity | No information available. | |
| Product Information | | |
| Carcinogenicity | No information available. | |
| Reproductive toxicity | No information available. | |
| Product Information | | |
| STOT - single exposure | No information available. | |
| Product Information | | |
| STOT - repeated exposure | No information available. | |
| | Product Information | |
| Aspiration hazard | No information available. | |

12. ECOLOGICAL INFORMATION

| Product Information | | |
|-------------------------------|------------------------------------|--|
| Persistence and degradability | No information available. | |
| Bioaccumulation | There is no data for this product. | |
| Other adverse effects | No information available. | |

13. DISPOSAL CONSIDERATIONS

| Waste treatment methods | |
|--|---|
| Waste from residues/unused products | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| Contaminated packaging | Do not reuse empty containers. |





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US EPA Waste Number

14. TRANSPORT INFORMATION

| DOT | Not regulated |
|------------|---------------|
| <u>TDG</u> | Not regulated |
| MEX | Not regulated |
| ICAO (air) | Not regulated |
| IATA | Not regulated |
| IMDG_ | Not regulated |
| RID | Not regulated |
| ADR | Not regulated |
| ADN | Not regulated |

15. REGULATORY INFORMATION

| International Inventories | |
|---------------------------|-----------------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| EINECS/ELINCS | Complies |
| ENCS | Does not comply |
| IECSC | Complies |
| KECL | Complies |
| PICCS | Complies |
| AICS | Complies |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory **DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances





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PICCS - Philippines Inventory of Chemicals and Chemical Substances **AICS** - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| SARA 311/312 Hazard Categories | |
|-----------------------------------|----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

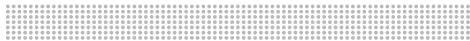
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

US State Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|---------------------------------------|------------|---------------|--------------|
| Water 7732-18-5 | - | - | Х |
| Sodium Phosphate Dibasic 7558-79-4 | X | X | Х |
| Sodium Azide 26628-22-8 | Х | X | Х |





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U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

Prepared By,

Quality Control. STEMCELL Technologies Canada Inc.

Revision Date 07-Jun-2021

No information available.

Revision Note Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. STEMCELL Technologies Inc. shall not be held liable for any damage resulting from handling or from contact with the product.

End of Safety Data Sheet