SAFETY DATA SHEET

Complement Technology, Inc.
4801 Troup Hwy, Suite 701
Tyler, Texas 75703, USA

Product: **sC5b-9 Complex**
Catalog #: **A127**
Revision date: 05/28/2015 Ver 2.0

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1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : **Human Complement sC5b-9 Complex**

Product Number: **A127**

Brand : CompTech

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : Complement Technology, Inc. , 4801 Troup Hwy, Tyler, TX 75703 USA

Telephone: 1-903-581-8284 Web: www.ComplementTech.com

1.4 Emergency telephone number

Emergency Phone : 1-903-581-8284

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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture: Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements: Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – Human source material.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Synonyms: SC5b-9, soluble C5b-9, C5-9 Complex, Membrane Attack Complex, MAC

3.2 Mixtures/Hazardous components

No ingredients are hazardous according to OSHA criteria.

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

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4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

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5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Nature of decomposition products not known.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information: No data available.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Clean up and decontaminate all materials for disposal, as well as contaminated surfaces, with an effective decontamination method such as autoclaving, incineration, or chemical disinfection. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections For disposal see section 13.

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7. HANDLING AND STORAGE

7.1 Precautions for safe handling For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Recommended storage temperature: -70 °C .

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls: General industrial hygiene practice.

Personal protective equipment

Eye/face protection: Use protective equipment for eyes.

Skin protection: Handle with gloves.

Body Protection: Wear impervious laboratory coat.

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Respiratory protection: Respiratory protection not required.
Control of environmental exposure: Do not let product enter drains.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance Form: Aqueous solution
b) Odour: no data available
c) Odour Threshold: no data available
d) pH: 7.2-7.4
e) Melting point/freezing point: 0°C
f) Initial boiling point and boiling range: 100°C
g) Flash point: not applicable
h) Evaporation rate: no data available
i) Flammability (solid, gas): not applicable
j) Upper/lower flammability or explosive limits: not applicable
k) Vapour pressure: no data available
l) Vapour density: no data available
m) Relative density: no data available
n) Water solubility: no data available
o) Partition coefficient: n-octanol/water: no data available
p) Auto-ignition temperature: no data available
q) Decomposition temperature: no data available
r) Viscosity: no data available
s) Explosive properties: no explosion hazard
t) Oxidizing properties: no data available

9.2 Other safety information: no data available

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10. STABILITY AND REACTIVITY

10.1 Reactivity: no data available
10.2 Chemical stability: Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions: no data available
10.4 Conditions to avoid: no data available
10.5 Incompatible materials: Strong oxidizing agents, Strong acids, Strong bases
10.6 Hazardous decomposition products: No dangerous decomposition products known.

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11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity no data available
Inhalation: no data available
Dermal: no data available
Skin corrosion/irritation: no data available

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Serious eye damage/eye irritation: no data available
Respiratory or skin sensitization: no data available
Germ cell mutagenicity: no data available
Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by 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
Additional Information: RTECS: Not available
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

12. ECOLOGICAL INFORMATION

12.1 Toxicity: no data available
12.2 Persistence and degradability: no data available
12.3 Bioaccumulative potential: no data available
12.4 Mobility in soil: no data available
12.5 Results of PBT and vPvB assessment:
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6 Other adverse effects: no data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Product: Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging: Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US): Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

15. REGULATORY INFORMATION

SARA 302 Components

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No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA hazards.

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

PBS (Phosphate Buffered Saline) CAS-No.: None

New Jersey Right To Know Components

PBS (Phosphate Buffered Saline) CAS-No.: None

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

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16. OTHER INFORMATION

HMIS Rating

Health hazard:	0
Chronic Health Hazard:	
Flammability:	0
Physical Hazard	0

NFPA Rating

Health hazard:	0
Fire Hazard:	0
Reactivity Hazard:	0

The information given above is believed to be correct but is not necessarily all inclusive and should be used only as a guide. Complement Technology, Inc. shall not be held liable for any damage resulting from the handling or from contact with this product.