



SAFETY DATA SHEET

293T-hsACE2-hsNRP1 cell line

Version 2

Revision Date: 03/23/2023

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifiers

Product Name : 293T-hsACE2-hsNRP1 cell line
Brand : Integral Molecular

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

Recommended use : For research use only
Uses advised against : Not to be used in humans or food animals

1.3. Details of the supplier of the safety data sheet

Company : Integral Molecular, Inc.
25 N. 38th Street, Suite 800
Philadelphia, PA 19104
Telephone : +1 215-966-6061

1.4. Emergency telephone number

Telephone : +1 215-966-6061

1.5. Issue date : 03/23/2023
Supersedes date : 05/27/2021

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

Handle as if capable of transmitting infectious agents.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Frozen human cell line with integrated transgenes for hsACE2 and hsNRP1, shipped in Fetal Bovine Serum (FBS) and up to 10% Dimethyl sulfoxide, a cryoprotectant.



4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move person into fresh air. If not breathing, give artificial respiration and obtain medical attention.

Ingestion

Rinse mouth with water. Do not induce vomiting.

Skin contact

Wash off immediately with soap and plenty of water.

Eye contact

Flush eyes with plenty of water for at least 15 minutes. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Substance is non-flammable. Use extinguishing agent suitable for surrounding fire

5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear if necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Should not be released into the environment.

6.3. Methods and materials for containment and cleaning up

Keep in suitable closed containers for disposal. 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.

6.4. Reference to other sections

Refer to protective measures in Sections 8 and 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. This product should be handled at a biosafety level 2 (BSL2) as required by OSHA Bloodborne Pathogen Rule (29 CFR 1910.1030).

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in liquid nitrogen.
Storage class (TRGS 510): Infectious substances

7.3. Specific end use(s)

See Section 1.2

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 equipment for eye protection tested and approved under appropriate government standards

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Body Protection

Wear impervious clothing



Respiratory protection

Respiratory protection not required. In case of insufficient ventilation wear suitable respiratory equipment that has been tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU)

Control of environmental exposure

No special environmental precautions required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear/brown
Form	Liquid
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point/range	No data available
Boiling point/range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Explosion limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

9.2. Other safety information

No data available

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

No data available

10.6. Hazardous decomposition products

No data available. In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

No data available

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 >0.1% levels is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at >0.1% levels is identified as probable, possible or confirmed human carcinogen by ACGIH.

NTP: No component of this product present at >0.1% levels is identified as probable, possible or confirmed human carcinogen by NTP.

OSHA: No component of this product present at >0.1% levels is identified as probable, possible or confirmed human 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

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 is not required

12.6. Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product

Use a licensed disposal company with biological waste disposal capability.

Contaminated packaging

Dispose of as for unused product.

14. TRANSPORT INFORMATION

Product ships on DRY ICE.

UN Number: 1845

Class: 9

Proper Shipping Name: CARBON DIOXIDE, SOLID

293T-hsACE2 cell line is exempt from the 3373 categorization in accordance with Section 2.6.3.2.3.3 of UN transportation regulations.

UN Number: 3245

Class: 9

Proper Shipping Name: GENETICALLY MODIFIED ORGANISMS



Marine pollutant: No
Poison Inhalation Hazard: No

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

None applicable

15.2. Chemical safety assessment

A Chemical Safety Assessment (CSA) has not been conducted.

16. OTHER INFORMATION

Disclaimer

The above information is believed to be correct but does not claim to be all inclusive and should only be used as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. The information herein does not represent any guarantee of the properties of the product. Integral Molecular shall not be held liable for any damage resulting from handling or from contact with the above product.

Safety Data Sheet Preparation

Integral Molecular, Inc.
25 N. 38th Street, Suite 800
Philadelphia, PA 19104