

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Recombinant Nucleoprotein [2019-Novel Coronavirus]

Catalogue Number: P3003

Recommended use: For research use only

Components: Reagent

Recombinant Nucleoprotein [2019-Novel Coronavirus]

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

Label elements: The product does not need to be labelled in accordance with EC directives or respective national laws.

Other hazards: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Response:

IF ON SKIN (or hair): Immediately remove contaminated clothing and wash before re-use. Wash skin immediately with soap and water for at least 15 minutes. Get medical attention if irritation persists after washing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

IF SWALLOWED: if the protein is swallowed, wash out mouth with water provided person is conscious. Call a physician or poison control.

Classification according to Directive 67/548/EEC: Irritating to eyes and skin.

Hazard Symbol / R-Phrase / S-Phrase: Xi, Irritant / R36/38, Irritating to eyes and skin. / S26, In case of contact with eyes, rinse immediately with plenty of water and see medical advice.

Other hazards: NONE

Fire and Explosion Hazard Data

The protein doesn't pose a significant risk in case of fire. Fire fighting media should be selected to suit other materials involved in the fire. It is recommended that firefighters wear protective gear and self-contained breathing apparatus to limit their exposure.

3. FIRST AID MEASURES

General advice: If symptoms persist, call a physician.

Eye contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

Skin contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. May cause an allergic skin reaction. If symptoms persist, call a physician.

Inhalation: Move to fresh air.

Ingestion: Clean mouth with water. Drink plenty of water.

4. FIRE-FIGHTING MEASURES

Personal precautions: Use personal protective equipment. Avoid contact with the skin and the eyes.

Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions: Try to prevent the material from entering drains or water courses.

Methods for containment: Prevent further leakage or spillage if safe to do so

Methods for cleaning up: Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains.

Dam up.

5. ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

Methods for Cleaning up:

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

Environmental Precautions:

Do not let product entry drains.

6. HANDLING AND STORAGE

Advice on safe handling: This protein should be stored as recommended on the product label. It should be kept in tightly closed vials. Refer to the storage section of the protein insert for future information. This protein should only be handled and used by qualified, trained professionals.

Technical measures/Storage conditions: Keep out of the reach of children. Keep container tightly closed. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

7. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Eye/face protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN

166(EU).

Skin protection: The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

8. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Clear.

Odor: None detectable.

PH: 5 – 10

Boiling Point: Not applicable.

Melting Point: Not applicable.

Flash Point: Not applicable.

Flammability: Not Flammable.

Auto flammability: Will not occur.

Vapor Pressure: Not applicable.

Relative Density: 1-10 mg/ml

Water Solubility: 100% soluble.

9. STABILITY AND REACTIVITY

Stability and Reactivity: The product is stable

Conditions to avoid: not available

Materials to avoid: not available

Hazardous Decomposition products: not available

10. TOXICOLOGICAL INFORMATION

Information on toxicological effects: No data available

Acute toxicity: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitisation: No data available

Germ cell mutagenicity: No data available

IARC: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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
RTECS: Not available

11. ECOLOGICAL INFORMATION

Toxicity: No data available
Persistence and degradability: No data available
Bioaccumulative potential: No data available
Mobility in soil: No data available
Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
Other adverse effects: No data available

12. DISPOSAL CONSIDERATIONS

Waste disposal methods: Contact a licensed professional waste disposal service to dispose of this material. This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult the appropriate state, regional, or local regulations for additional requirements.

13. TRANSPORT INFORMATION

Road / Railway Haulage ADR/RID: Not restricted.
Sea Freight IMO (IMDG): Not restricted.
Air Freight IATA (ICAO): Not restricted.
UN Number: Not applicable.

14. REGULATORY INFORMATION

Regulation (EC) No. 1272/2008:
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

15. OTHER INFORMATION

This reagent is sold only for research use by personnel familiar with the toxicology of organic chemicals and who are well trained in good laboratory habits, such as avoiding spills, keeping hands clean at all times and not rubbing eyes with hands while working in the laboratory. This reagent is sold only in milliliter quantities for use in biological research. No other use is intended.

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 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.

End of MSDS