



## Material Safety Data Sheet

### 1. Substance identification and company undertaking

**Product name:** 2019 nCoV/COVID19 Spike protein S Recombinant (S1+S2), His-tag

**Product Code:** BSV-COV-PR-40 / BSV-COV-PR-41

**Company:** BioServUK Ltd

**Address:** The Innovation Centre, 217 Portobello, Sheffield S1 4DP, UK

**Telephone:** +44 (0) 114 224 2235

**Fax:** +44 (0) 114 224 2222

### 2. Composition

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

### 3. Hazards Identification

According to the OSHA Hazard Communication Standard 29CFR 1910:1200, these products are not considered hazardous.

### 4. First Aid measures

**Skin contact** Wash off immediately with plenty of water

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes

**Ingestion** Never give anything by mouth to an unconscious person

**Inhalation** Move to fresh air

**Notes to physician** Treat symptomatically.

### 5. Fire Fighting measures

**Suitable extinguishing media** Dry chemical

**Special protective equipment for firefighters** Wear self-contained breathing apparatus and protective suit

### 6. Accidental release measures

**Personal precautions** Use personal protective equipment

**Methods for cleaning up** Soak up with inert absorbent material.

### 7. Handling and storage

**Handling** DO NOT get in eyes, on skin, or clothing. DO NOT breath vapor. Wash thoroughly after handling. **Storage** Keep in tightly closed container

### 8. Exposure controls

**Ventilation Data** Provide adequate local exhaust ventilation.

**Respiratory Protection** None required if ventilation is adequate.

**Protective Gloves** Wear chemical resistant gloves.

**Eye protection** Safety glasses with side-shields

**Skin and body protection** Lightweight protective clothing.

**Hygiene measures** Handle in accordance with good industrial hygiene and safety practice

### 9. Chemical properties

· **Form:** Liquid/freeze dried

· **Color:** Clear, Colorless Solution

- **Odor:** Odorless
- **Change in condition** Undetermined
- **Melting point/Melting range:** Not determined
- **Boiling point/Boiling range:** Not determined
- **Flash point:** N/A
- **Danger of explosion:** N/A
- **Vapor pressure:** N/A
- **Density:** N/A
- **Organic Solvents:** N/A
- **Auto Flammability:** N/A
- **Explosive properties:** N/A
- **Oxidizing properties:** N/A
- **Partition Coefficient:** N/A

#### 10. Stability

**Stability** Stable.

#### 11. Toxicological Information

**Eyes** No information available

**Skin** No information available

**Inhalation** No information available

**Ingestion** No information available

**Carcinogenic effects** No information available

**Mutagenic effects** No information available

**Reproductive toxicity** No information available

**Sensitization** No information available

#### 12. Ecological Information

**Ecotoxicity effects** No information available.

The ecological effects have not been thoroughly investigated, but currently none have been identified.

#### 13. Disposal

Dispose of in accordance with local regulations

#### 14. Transport

**Proper shipping name** Not classified as dangerous in the meaning of transport regulations **Hazard**

**Class** NA

**Subsidiary Class** NA

**Packing group** NA

#### 15. Regulatory Information

##### **US Federal and State Regulations**

**TSCA (Toxic Substances Control Act):** This product is not listed.

**SARA 313:** This product is not listed.

**SARA 311/312 Hazards:** None known.

**CERCLA Reportable Quantity:** Unknown

**California Proposition 65:** This product is not listed on California's listing of known or potential carcinogens

#### 16. General Information

**This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use.**

**The above information was acquired by good faith and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution.**