SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>JPMS Synchrolift Powder Bleach</th>
<th>[WHMIS Classification] Excluded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Use</td>
<td>Personal Care/Use - Cosmetic - Hair Bleach</td>
<td>Revision: 0</td>
</tr>
<tr>
<td>Manufacturer’s Name</td>
<td>Bright International Corporation</td>
<td></td>
</tr>
<tr>
<td>Street Address</td>
<td>1301 West Industrial Drive (P.O. Box 6)</td>
<td></td>
</tr>
<tr>
<td>City</td>
<td>Coolidge</td>
<td>State</td>
</tr>
<tr>
<td>Postal Code</td>
<td>85128</td>
<td>Emergency Telephone</td>
</tr>
<tr>
<td>Date SDS Prepared</td>
<td>07/14/2020</td>
<td>SDS Prepared By</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Phone Number</td>
</tr>
</tbody>
</table>

SECTION 2 – HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>Route of Entry</th>
<th>Skin Contact</th>
<th>Skin Absorption</th>
<th>Eye Contact</th>
<th>Inhalation</th>
<th>Ingestion</th>
</tr>
</thead>
</table>

[Emergency Overview] This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use.

[WHMIS Symbols] NA Classification: Oxidizer Class 1
- Acute Toxicity 4; Skin Irritation 2; Eye Irritation 2A
- Signal Word: Danger

[Potential Health Effects]
- Eye Contact: CAUTION. Eye irritant. May cause severe irritation and possible permanent eye injury.
- Skin Contact: May induce irritation or allergic skin reaction in sensitized individuals.
- Inhalation: Respiratory tract irritant. May cause asthmatic attack in sensitive individuals.
- Ingestion: Moderately toxic.

Hazard Statement:
- H270: May cause or intensify fire; oxidizer
- H303: May be harmful if swallowed
- H305: May be harmful if swallowed and enters airways
- H313: May be harmful in contact with skin
- H317: May cause an allergic skin reaction
- H319: Causes serious eye irritation
- H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H335: May cause respiratory irritation

Precautionary Statement:
- P102: Keep out of reach of children
- P103: Read label before use
- P232: Protect from moisture
- P233: Keep container tightly closed
- P234: Keep only in original container
- P281: Avoid breathing dust/fume/gas/mist/vapours/spray
- P262: Do not get in eyes, on skin, or on clothing
- P264: Wash hands thoroughly after handling
- P270: Do not eat, drink or smoke when using this product
- P281: Use personal protective equipment as required

Response Precautionary Statement
- P301+310+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting; immediately call a POISON CENTER or doctor/physician
- P302+P351+P333+352: IF ON SKIN: Wash with soap and water; If skin irritation or a rash occurs, get medical advice/attention
- P304+P313+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if breathing difficulty continues.
- P305+P313+P337+351+338: 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 advice/attention

Storage Precautionary Statement
- P402+404: Store in a dry place. Store in a closed container
- P403+233: Store in a well ventilated place. Keep container tightly closed
SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredients (specific)</th>
<th>%</th>
<th>CAS Number</th>
<th>LD₅₀ of Ingredient (specify species and route)</th>
<th>LC₅₀ of Ingredient (specify species)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Potassium Persulfate</td>
<td>25 – 35</td>
<td>7727-21-1</td>
<td>DERMAL LD₅₀ &gt; 10 g/kg (rabbit)</td>
<td>&gt;42.9 mg/L (rat)</td>
</tr>
<tr>
<td>Ammonium Persulfate</td>
<td>15 – 20</td>
<td>7727-54-0</td>
<td>DERMAL LD₅₀ &gt; 2,000 mg/kg (rabbit)</td>
<td>&gt; 2.95 mg/L (4 h) (rat)</td>
</tr>
<tr>
<td>Sodium Silicate</td>
<td>12 – 18</td>
<td>1344-09-8</td>
<td>ORAL LD₅₀: 3,400 mg/kg (rats)</td>
<td>ND</td>
</tr>
<tr>
<td>Sodium Persulfate Meissilicate</td>
<td>5 – 10</td>
<td>7775-27-1</td>
<td>DERMAL LD₅₀ &gt; 10 g/kg ORAL LD₅₀: 1,200 mg/kg (rat)</td>
<td>5.1 mg/L (rat)</td>
</tr>
<tr>
<td>Sodium Metasilicate</td>
<td>1 – 5</td>
<td>6834-92-0</td>
<td>DERMAL LD₅₀: 250 mg/24H (rabbit) ORAL 1,280 mg/kg (rats)</td>
<td>ND</td>
</tr>
<tr>
<td>Sodium Stearate</td>
<td>1 – 5</td>
<td>822-16-2</td>
<td>ORAL LD₅₀ &gt;2,000 mg/kg (rat)</td>
<td>ND</td>
</tr>
<tr>
<td>Ethylhexyl Stearate</td>
<td>1 – 5</td>
<td>91031-48-0</td>
<td>ORAL LD₅₀ &gt;2,000 mg/kg (rat)</td>
<td>ND</td>
</tr>
<tr>
<td>Kaolin</td>
<td>1 – 5</td>
<td>1332-58-7</td>
<td>ORAL LD₅₀ &gt;5,000 mg/kg (rat)</td>
<td>ND</td>
</tr>
<tr>
<td>Silica</td>
<td>1 – 3</td>
<td>112945-52-5</td>
<td>DERMAL LD₅₀ &gt;2,000 mg/kg (rabbit)</td>
<td>&gt;5 mg/L (4H; rat)</td>
</tr>
<tr>
<td>Hydroxyethyl Cellulose</td>
<td>1 – 5</td>
<td>9004-62-0</td>
<td>ORAL LD₅₀: 8,750 mg/kg (rat)</td>
<td>ND</td>
</tr>
</tbody>
</table>

INCI Ingredient List: Potassium Persulfate, Aea Mays (Corn Starch), Ammonium Persulfate, Sodium Silicate, Sodium Persulfate, Sodium Metasilicate, Sodium Stearate, Ethylhexyl Stearate, Kaolin, Silica, Hydroxyethyl Cellulose, Tetrasodium EDTA, Shea, Carbomer, Ultramarines/CI77007

SECTION 4 – FIRST AID MEASURES

Skin Contact: Flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.

Eye Contact: Flush with water for at least 15 minutes. If irritation occurs and persists, obtain medical attention.

Inhalation: Remove to fresh air. If breathing difficulty or discomfort occurs and persists, contact a medical doctor.

Ingestion: Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting unless advised by physician. Never give anything by mouth to an unconscious person. See a medical doctor immediately.

NOTES TO MEDICAL DOCTOR: This product has moderate oral toxicity and is minimally irritating to the eyes. Flooding of exposed areas with water is suggested, but gastric lavage or emesis induction for ingestions must consider the possible aggravation of esophageal injury and the expected absence of systemic effects. Treatment is controlled removal of exposure followed by symptomatic and supportive care.

SECTION 5 – FIRE FIGHTING MEASURES

Flammable: ☐ Yes ☐ No If yes, under which conditions?

Means of Extinction: Deluge with Water only

Flashpoint (°C) and Method: NA

Upper Flammable Limit: Non-Combustible (% by volume):

Lower Flammable Limit: Non-Combustible (% by volume):

Autoignition Temperature (°C)

Explosion Data: Not Available — Sensitivity to Impact:

Hazardous Combustion Products: Oxygen that supports combustion and oxides of sulfur and nitrogen; Hydrogen

Fire Fighting Procedures/Equipment: Do not use carbon dioxide or other gas filled fire extinguishers; they will have no effect on decomposing persulfates. Wear full protective clothing and self-contained breathing apparatus.

[NFPA]: Health 1; Flammability 0; Reactivity 1; Special Ox
SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Spilled material should be collected and put in approved DOT container and isolated for disposal. Isolated material should be monitored for signs of decomposition (fuming/smoking). If spilled material is wet, dissolve with large quantity of water and dispose. All disposals should be carried out according to regulatory agencies procedures.

Personal Protection:
Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots, NIOSH-approved dust respirator where dust occurs. See section 8.

Small Spill Cleanup:
Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust Use appropriate Personal Protective Equipment (PPE). See section 8.

Large Spill Cleanup
Keep unnecessary people away; isolate hazard area and deny entry. Do not touch or walk through spilled material. Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Use appropriate Personal Protective Equipment (PPE). See section 8. In case of contact with water, prevent runoff from entering into storm sewers and ditches, which lead to natural waterways. Neutralize contaminated area and flush with large quantities of water. Comply with applicable environmental regulations.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures and Equipment: Use only with adequate ventilation and avoid inhalation. Avoid contact with eyes and skin (other than areas of application). Do not inhale or ingest. Prepare and use in a well-ventilated area. Use adequate ventilation when transferring product from bags or drums. Wear respiratory protection if ventilation is inadequate or not available. Use eye and skin protection. Use clean plastic or stainless steel scoops only.

Storage Requirements: Store (unopened) in a cool, clean, dry place away from point sources of heat, e.g. radiant heaters or steam pipes. Use first in, first out storage system. Avoid contamination of opened product. Do not store with or near fuels, solvents or other organic materials. Avoid heat, moisture and reducing agents. In case of fire or decomposition (fuming/smoking) deluge with plenty of water to control decomposition.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits
- ACGIH TLV: 0.1 mg/m³ (Sodium/Potassium Persulfate)
- OSHA PEL: Not Established
- Other: 15 mg/m³ Total Dust

Specific Engineering Controls (such as ventilation, enclosed process): None required for product use. For handling large quantities of material, such as in the manufacturing of product, ventilation should be utilized. Local exhaust ventilation is not typically required for product use. For handling large quantities of material, such as in the manufacturing of product -- Local Exhaust: Explosion proof. Mechanical (general): Explosion proof.

Personal Protective Equipment
- Gloves
- Respirator
- Eye
- Footwear
- Clothing
- Other

If checked, please specify type

Plastic or rubber gloves should be worn during product application and preparation. Safety glasses should be considered to protect from eye irritation. Apron may be used for product handling. Ensure all work surfaces are clean. Metal instruments should not be used with this product or stored inside product containers.
**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Physical State: Solid</th>
<th>Odor and Appearance: Odorless Blue Powder</th>
<th>Odor Threshold (ppm): Not Determined</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity: &gt;1 (water = 1)</td>
<td>Vapor Density (air = 1): NA</td>
<td>Vapor Pressure (mmHg): NA</td>
</tr>
<tr>
<td>Evaporation Rate: NA</td>
<td>Boiling Point (°C): NA</td>
<td>Freezing Point (°C): NA</td>
</tr>
<tr>
<td>pH: (1% aqueous) 9.5 su – 10.5 su</td>
<td>Coefficient of Water/Oil Distribution: NA</td>
<td>[Solubility in Water]: &gt;100 g/L (dispersible)</td>
</tr>
</tbody>
</table>

**SECTION 10 – STABILITY AND REACTIVITY**

Chemical Stability  Yes □ No
If no, under which conditions?

Incompatibility with Other Substances  Yes □ No
If yes, which ones?

Acids, alkalis, halides (fluorides, chlorides, bromides and iodides), combustible materials, most metals and heavy metals, oxidizable materials, other oxidizers, reducing agents, cleaners, and organic or carbon containing compounds.

Conditions to Avoid:
Heat, moisture and contamination.

Hazardous Decomposition Products
Oxygen that supports combustion and oxides of sulfur and nitrogen; Hydrogen

**SECTION 11 – TOXICOLOGICAL INFORMATION**

No toxicological testing has been performed on this product. Information in this section is based on toxicology of individual components.

Effects of Acute Exposure
Irritation of eyes, skin and mucous membranes. Possible irritant/allergic dermatitis and respiratory signs and symptoms, the onset of which may be delayed.

Effects of Chronic Exposure
Possible allergic dermatitis. Possible respiratory sensitization could occur.

Irritancy of Product: Product is known to be a moderate irritant

| Skin Sensitization: Can cause irritation and possible dermatitis. Can exacerbate dermatological issues such as eczema. | Respiratory Sensitization: Irritant and can exacerbate bronchitis and bronchial asthma |
| Carcinogenicity — IARC: No components recognized as carcinogenic | Carcinogenicity — ACGIH: No components recognized as carcinogenic |
| Reproductive Toxicity: No components recognized as being reproductive toxin | Teratogenicity: No components recognized as being teratogen |
| Embryotoxicity: No components listed as causing birth defects | Mutagenicity: No components recognized as being mutagen |

Note: LD50 and LC50 data is presented in Section 3. The calculated ATE LD50 for this material is 1,335 mg/kg
SECTION 12 – ECOLOGICAL INFORMATION

The product itself has not been tested as a whole, but the following results have been associated with some of its constituents:

Potassium/Sodium Persulfate:
- Bluegill sunfish, 96-hour LC50 = 771 mg/L
- Rainbow Trout, 96-hour LC50 = 163 mg/L
- Daphnia, 48-hour LC50 = 133 mg/L
- Grass shrimp, 96 hour LC50 = 519 mg/L

Ammonium Persulfate:
- Bluegill sunfish, 96-hr LC50 = 103 mg/L
- Rainbow trout, 96-hour LC50 = 76.3 mg/L
- Daphnia, 48-hour LC50 = 120 mg/L
- Grass shrimp, 96-hour LC50 = 391 mg/L

Silica:
- Pseudokirchneriella subcapitata 72 Hr EC50: 440 mg/L
- Brachydanio rerio 96 Hr LC50: 5000 mg/L [static]
- Ceriodaphnia dubia 48 Hr EC50: 7600 mg/L

Sodium Silicate:
- Brachydanio rerio 96 Hr LC50: 1,108 mg/L
- Daphnia magna, 48-hr EC50 = 1,700 mg/L

CHEMICAL FATE: Biodegradability does not apply to inorganic substances.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: Hair bleaching products are ignitable RCRA hazardous wastes when intended for disposal. Physical and/or chemical deactivation/degradation is the required method of treatment and disposal.

RCRA HAZARD CLASS: D001

Follow all local governmental requirements intended for disposal.

SECTION 14 – TRANSPORT INFORMATION

Please be aware of carrier transport variations before shipping hazardous materials.

[US DOT]

In Consumer Packaging: ORM-D; Consumer Commodity or Limited Quantity
LABELING: ORM-D Label or Black and White square on point without “Y”

OTHER THAN CONSUMER PACKAGING:
ID NUMBER: UN 1479
PROPER SHIPPING NAME: Oxidizing solid, n.o.s.
TECHNICAL NAME: (Ammonium Persulfate, Potassium Persulfate, and Sodium Persulfate)
HAZARD CLASS: 5.1
PACKING GROUP: III
LABELING: Yellow 5.1 Oxidizer Label

[ICAO/IATA]

In Consumer Packaging: Limited quantity (maximum net quantity per package) <10 kg
ID NUMBER: UN 1479
PROPER SHIPPING NAME: Oxidizing solid, n.o.s.
TECHNICAL NAME: (Ammonium Persulfate, Potassium Persulfate, and Sodium Persulfate)
HAZARD CLASS: 5.1
PACKING GROUP: III
LABELING: Black and White square on point with “Y” in center

OTHER THAN CONSUMER PACKAGING: <25 kg (passenger) or <100 kg (cargo)
ID NUMBER: UN 1479
PROPER SHIPPING NAME: Oxidizing solid, n.o.s.
TECHNICAL NAME: (Ammonium Persulfate, Potassium Persulfate, and Sodium Persulfate)
HAZARD CLASS: 5.1
PACKING GROUP: III
LABELING: Yellow 5.1 Oxidizer Label
SECTION 15 – REGULATORY INFORMATION

[WHMIS Classification] EXCLUDED as Cosmetic

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT)
CERCLA DESIGNATION & REPORTABLE QUANTITIES (RQ) (40 CFR 302.4): Unlisted, RQ 100 lbs., Ignitability

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355, APPENDIX A): Not listed

SECTION 311 HAZARD CATEGORIES (40 CFR 370): Fire Hazard, Immediate (Acute) Health Hazard

SECTION 312 THRESHOLD PLANNING QUANTITY (40 CFR 370): The Threshold Planning Quantity (TPQ) for this product, if treated as a mixture, is 10,000 lbs.; however, this product contains the following ingredients with a TPQ of less than 10,000 lbs.: None

SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372): Not listed

Canada: While mixture has not been tested, due to the components within this product, it is considered a Class C Oxidizing Material under the Controlled Products Regulations. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

Class C Oxidizing Material

California: This product is not known to contain any components for which the State of California has found to cause cancer, birth defects or other reproductive harm.

International Inventories Component(s) of the product are on the following Inventory lists: TSCA, Australia (AICS), Canada (DSI), China, Europe (EINECS/ELINCS), Japan, Korea (ECl), and Philippines (PICCS)

GHS Acute oral toxicity LD50 (mg/kg): Calculated ATE LD50 (mg/kg) for product 1,335

ANSI 129.1 (USA) – Harmful
OSHA HCS (USA) – Non-Toxic
EPA (USA) – Toxic Category III
CPSC (USA) – Non-Toxic
DOT (USA) – Packing Group III
NFPA (USA) – Hazard Category 1
HMIS (USA) – Toxicity Rating 1

EU – Harmful
WHMIS (Canada) – Non-Toxic
Australia – Harmful
Mexico – Mildly Toxic
Malaysia – Not Harmful
Japan – Powerful
Korea – Harmful

SECTION 16 – OTHER INFORMATION

DISCLAIMER: This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Bright International Corporation to be dependable and is accurate to the best of the Company’s knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. Bright International Corporation assumes no responsibility for injury to the recipient or third persons or for any damage to any property resulting from misuse of the product.