SECTION 1  PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Sulfo SHPP
PRODUCT NUMBER: I103
CAS NUMBER: 34071-95-9
SYNONYMS: Sulfosuccinimidyld-3-(4-Hydroxyphenyl)propionate, Bolton Hunter Reagent
MANUFACTURER:
Prochem, Inc.
826 Roosevelt Road
Rockford, IL 61109

SECTION 2  HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

Pictogram

Signal Word
Warning

Hazard Statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary Phrases

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P302+P352 IF ON SKIN: Wash with plenty of water.
P501 Dispose of contents/container to an approved waste disposal plant.

HMIS CLASSIFICATION:
Health: 1  Fire: 1  Reactivity Hazard: 1

NFPA RATING:
Health: 1  Flammability: 1  Reactivity Hazard: 1
SECTION 2 HAZARDS IDENTIFICATION (Cont.)

EYE CONTACT: Causes skin irritation.
SKIN CONTACT: Causes serious eye irritation.
INHALATION: May cause respiratory irritation.
INGESTION: May be harmful if swallowed.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: C_{13}H_{12}O_8NSNa
Molecular Weight: 365.30

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS#</th>
<th>%</th>
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<td>Succinimido 3-(4-hydroxyphenyl) propionate</td>
<td>34071-95-9</td>
<td>100</td>
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SECTION 4 FIRST AID MEASURES

EYE EXPOSURE: Flush with plenty of water for at least 15 minutes. Get medical attention.
SKIN EXPOSURE: Flush immediately with plenty of water. Seek medical attention.
INHALATION: Remove from exposure into fresh air. Rest and keep warm. If any adverse signs appear, get medical attention.
INGESTION: Flush out mouth with water, insuring rinse is not swallowed. Give water (half pint) to drink to dilute in the stomach and get immediate medical attention.

SECTION 5 FIREFIGHTING MEASURES

FLASH POINT: Not available
AUTO IGNITION TEMPERATURE: Not available
EXPLOSION LIMITS: Not available
EXTINGUISHING MEDIUM: Carbon dioxide, extinguishing powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: Carbon oxides and nitrogen oxides

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear all appropriate equipment when using this material. Ensure adequate ventilation. Avoid dust formation. Avoid breathing dusts.
ENVIRONMENTAL PRECAUTIONS: Prevent spillage from entering drains or allowing to be released into the environment.
METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Without creating dust. Sweep up and place in suitable container for proper disposal.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Wear appropriate personal protective equipment. Ensure adequate ventilation. Avoid formation of dust. Avoid contact with skin and eyes.
CONDITIONS FOR SAFE STORAGE: Store in cool, dry, and well-ventilated area. Store at -20°C. Protect from heat. Store away from oxidizing agents.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE CONTROLS: Contains no substances with occupational exposure limit values.
EYE PROTECTION: Wear chemical safety glasses or goggles and face shield.
SKIN PROTECTION: Wear nitrile or rubber gloves, and a complete suit protecting against chemicals.
VENTILATION: Provide local exhaust, preferably mechanical.
RESPIRATOR: Use an approved respirator.
SECTION 9   PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND FORM: White to off-white powder
ODOR: Not available
MOLECULAR WEIGHT: 365.30
BOILING POINT: Not available
MELTING POINT: 132-133° C
SPECIFIC GRAVITY: Not available
SOLUBILITY: No data available

SECTION 10   STABILITY AND REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: No data available
INCOMPATIBILITY: Oxidizing agents, heat, acids, and strong bases.
DECOMPOSITION PRODUCTS: Carbon oxides and nitrogen oxides

SECTION 11   TOXICOLOGICAL DATA

ACUTE TOXICITY: Not available
CARCINOGENIC EFFECTS: No components of this product present at levels greater than or equal to 0.1% is identified a carcinogen.
MUTAGENIC EFFECTS: Not available
TETRATGENIC EFFECTS: Not available

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

SECTION 12   ECOLOGICAL DATA

No data available.

SECTION 13   DISPOSAL CONSIDERATIONS

Dispose of in according to local, state, and federal regulations.

SECTION 14   TRANSPORTATION DATA

Not a dangerous good.

SECTION 15   REGULATORY INFORMATION

TSCA: Listed in the TSCA inventory
SARA 302/304: Not Listed
SARA 311/312: Acute Health Hazard
SARA (TITLE 313): Not Listed
CALIFORNIA PROP. 65: Not Listed
PENNSYLVANIA RIGHT TO KNOW: Sulfosuccinimidyl-3-(4-Hydroxyphenyl)propionate
NEW JERSEY RIGHT TO KNOW: Sulfosuccinimidyl-3-(4-Hydroxyphenyl)propionate

SECTION 16   OTHER INFORMATION

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, Prochem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.
DATE PREPARED: 10/14