SECTION 1    PRODUCT AND COMPANY INFORMATION

PRODUCT NAME:  Sulfo SMCC
PRODUCT NUMBER:  CL207
CAS NUMBER:  92921-24-9
SYNONYMS:  Sulfosuccinimidyl 4-(Maleimidomethyl)cyclohexane-1-carboxylate
MANUFACTURER:
Prochem, Inc.
826 Roosevelt Road
Rockford, IL  61109
PHONE:  815-398-1788
FAX:  815-398-1810
TOLL FREE:  800-795-8788

IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC:  1-800-424-9300

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.
P280  Wear protective gloves/protective clothing/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.
P304+P340  IF INHALED:  Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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

EYE CONTACT:  Causes serious eye irritation.
SKIN CONTACT:  Causes skin irritation.
INHALATION:  May cause respiratory irritation.
INGESTION:  May be harmful if swallowed.
SECTION 3  COMPOSITION / INFORMATION ON INGREDIENTS

Formula: \( C_{16}H_{17}O_{9}N_{2}SNa \)
Molecular Weight: 436.37

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<th>CHEMICAL NAME</th>
<th>CAS#</th>
<th>%</th>
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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:** Immediately wash with water and soap. Rinse thoroughly. Seek medical attention.
**INHALATION:** Remove to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
**INGESTION:** Flush out mouth with water, insuring rinse is not swallowed. Give water (half pint) to drink 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 large 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, nitrogen oxides, sulfur oxides, and sodium oxides.

SECTION 6  ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** Wear all appropriate equipment when using this material. Ensure adequate ventilation. Keep unprotected persons away. Avoid dust formation. Avoid breathing dust.
**ENVIRONMENTAL PRECAUTIONS:** Prevent spillage from entering drains or allowing to be released into the environment.
**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:** Sweep up material and place in a container for proper disposal.

SECTION 7  HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** Wear appropriate personal protective equipment. Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid formation of dust.
**CONDITIONS FOR SAFE STORAGE:** Store in cool, dry, and well-ventilated area. Store at temperatures of 2-8° 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.
**ADDITIONAL PROTECTION:** Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.
SECTION 9   PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND FORM: Tan-white powder
ODOR: Not available
MOLECULAR WEIGHT: 436.37
BOILING POINT: Not available
MELTING POINT: Not available
SPECIFIC GRAVITY: Not available
VAPOR DENSITY: No data available
SOLUBILITY: Soluble in cold water

SECTION 10    STABILITY AND REACTIVITY

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Not available
INCOMPATIBILITY: Oxidizing agents and heat
DECOMPOSITION PRODUCTS: Carbon oxides, sulfur oxides, sodium 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
TETRATOCOCNIC 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

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