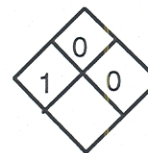


MATERIAL SAFETY DATA SHEET

ProChem, Inc.
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Phone: 8150 398-1788

SECTION I-IDENTIFICATION

CHEMICAL NAME

3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate

TRADE NAMES & SYNONYMS
CHAPS

MOLECULAR FORMULA

$C_{32}H_{58}N_2O_7S$

#

CAS#75621-03-3

SECTION II-HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS

%

HAZARD DATA

CHAPS

100

Not Determined

SECTION III-PHYSICAL DATA

BOILING POINT (C°) No Data

SPECIFIC GRAVITY (WATER=1) No Data

VAPOR PRESSURE (mm Hg) No Data

MICELLULAR WEIGHT No Data

VAPOR DENSITY (AIR=1) No Data

HYGROSCOPICITY Yes

SOLUBILITY IN WATER Soluble

MOLECULAR WEIGHT 614.9

MELTING POINT (C°) 157 ° (decomposes)

APPEARANCE, ODOR, AND OTHER.
White crystalline powder

SECTION IV-FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT (METHOD USED)
Not Applicable

AUTOIGNITION TEMP.
Not Applicable

FLAMMABLE LIMITS
Not Applicable

EXTINGUISHING MEDIA

Water Spray. Carbon dioxide, dry chemical powder or appropriate foam.

FIRE FIGHTING PROCEDURES-UNUSUAL FIRE/EXPLOSION HAZARDS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire/Explosion Hazards: Emits toxic fumes upon decomposition.

SECTION V-HEALTH HAZARD DATA

TOXICITY

No Data available. Use due care when handling.

EFFECTS OF OVEREXPOSURE

ACUTE: Causes irritation. May be harmful by inhalation, ingestion, or skin absorption. Material is irritating to mucous membranes and upper respiratory tract. The toxicological properties have not been thoroughly investigated.

MATERIAL SAFETY DATA SHEET

EYES: Flush with plenty of water for at least 15 minutes. If redness or irritation persist, consult a physician.

SKIN: Flush immediately with plenty of water, followed by thorough soap and water washings.

INHALATION: Remove from exposure into fresh air. If having trouble breathing give oxygen. If any adverse signs appear, get medical attention.

INGESTION: Flush out mouth with water, insuring rinse is not swallowed provided person is conscious. Call a physician.

SECTION VI-REACTIVITY DATA

GENERAL REACTIVITY

Stable

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents, strong acids, strong bases

HAZARDOUS DECOMPOSITION PRODUCTS

Toxic fumes of carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION

Will not occur

CONDITIONS TO AVOID

Moisture, water, contact with incompatibles

SECTION VII-SPILL PROCEDURES, DISPOSAL REQUIREMENTS

SPILL PROCEDURES, DISPOSAL REQUIREMENTS

Wear impervious protective clothing and eye protection. Wear respiratory protection if needed. Carefully sweep material up. Material should be held in labelled containers for presentation to a properly licensed waste disposal firm. Scrub area of spill thoroughly with plenty of soap and water to drain. Insure compliance with all applicable laws and regulations.

DISPOSAL CONSIDERATIONS: Dissolve or mix the material with a combustible solvent and burn in a chemical incineratory equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION VIII-SPECIAL PROTECTION INFORMATION

SPECIAL NOTE	EYEPROTECTION	GLOVES	VENTILATION	OTHER	RESPIRATORY PROTECTION
Safety shower and drench eyewash capable of sustained flushing.	Safety goggles	rubber/ vinyl/ latex, etc.	Mechanical- Adequate-Required Local-Adequate	Protection to avoid contact with skin and eyes.	MSHA/OSHA approved dust respirator where adequate ventilation is not available.

Date Prepared: 7/96

Hygroscopic. IRRITATING to skin, eyes, respiratory system.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

Wash thoroughly after handling.

Keep tightly closed in a cool dry area.