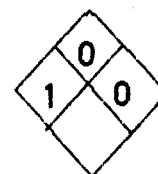


MATERIAL SAFETY DATA SHEET

ProChem, Inc.
826 Roosevelt Rd
Rockford IL 61109
Phone: (815) 398-1788
Fax: (815) 398-1810

HAZARD RATING



SECTION I-IDENTIFICATION

CHEMICAL NAME

Sulfosuccinimidyl 2-(Biotinamido)ethyl-1,3-dithiopropionate

TRADE NAMES & SYNONYMS

Sulfo NHS-SS-Biotin

MOLECULAR FORMULA

$C_{19}H_{27}O_9N_4S_4Na$

B105

Eye irritant

SECTION II-HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS

%

HAZARD DATA

SECTION III-PHYSICAL DATA

BOILING POINT (C°) N/appl

SPECIFIC GRAVITY (WATER=1) N/appl

VAPOR PRESSURE (mm Hg) N/appl

PERCENT VOLATILE BY VOLUME (%) N/appl

VAPOR DENSITY (AIR=1) N/appl

HYGROSCOPICITY

SOLUBILITY IN WATER Soluble

MOLECULAR WEIGHT 606.7

MELTING POINT (C°) N/appl

MOISTURE SENSITIVE Yes

APPEARANCE, ODOR, AND OTHER.

Off white powder

SECTION IV-FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT (METHOD USED)

N/appl

AUTOIGNITION TEMP.

N/appl

FLAMMABLE LIMITS

N/appl

EXTINGUISHING MEDIA

No restriction known

FIRE FIGHTING PROCEDURES-UNUSUAL FIRE/EXPLOSION HAZARDS

Wear protective equipment