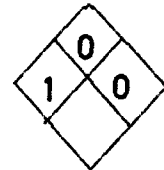


MATERIAL SAFETY DATA SHEET

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

HAZARD RATING



SECTION I-IDENTIFICATION

CHEMICAL NAME

Succinimidyl-6-(Biotinamido) Hexanoate

TRADE NAMES & SYNONYMS

NHS-LC-Biotin, NHS-X-Biotin

MOLECULAR FORMULA

$C_{20}H_{30}O_6N_4S$

B104

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 Insoluble

MOLECULAR WEIGHT 453.58

MELTING POINT (C°) 135-138°

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