

GFS CHEMICALS, INC.
P.O. Box 245 Powell, OH 43065
740-881-5501(Tel.) 740-881-5989(Fax)
1-800-424-9300(Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

301

CALCEIN, MODIFIED II

CHEMICAL NAME & SYNONYMS

Calcein, Modified II

DOT CLASS

NR

SARA TITLE 313

No

TSCA listed - Yes

FORMULA

C₃₀H₂₆N₂O₁₃ <2% (Calcein)

C₂₇H₂₇Br₂O₅SNa <1% (Bromothymol Blue)

KCl >97% (Potassium chloride)

REPORTABLE QUANTITY

N/A

N/A

N/A

F.W.

622.55

646.39

74.55

CAS#

1461-15-0

34722-90-2

7447-40-7

PHYSICAL DATA

Water soluble.

APPEARANCE & ODOR

Orange/green powder. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Fluorescent indicator. Stable. No hazardous reactivity.

FIRE HAZARDS

None.

EXTINGUISHER

Fight surrounding fire

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

May be irritating to eyes. LD₅₀ (oral-rat) 3020 mg (KCl)/kg. OSHA PEL/ACGIH TLV not established. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles while handling. Use good ventilation or suitable respirator if dust is raised.

FIRST AID

Wash thoroughly with water after contact. If swallowed, give water or milk to drink. Get medical attention if discomfort develops.

SPILLS & LEAKS

Wash up with water. Disposal to sanitary drain. Check local regulations.

CATALOG #

301

PREPARED BY

MDM

DATE

October 6, 2006