

# Benzophenone-3

INCI Name: Benzophenone-3

CAS Numbers: 131-57-7

## Description:

Benzophenone-3 is a common ingredient in sun blocking agents. It is a broad spectrum sunscreen active with maximal UV absorbance in the 320-400 nm range (UV/A). It is supplied as a light yellow-colored powder. The INCI name for this ingredient is Benzophenone-3. However if used as a sunscreen active, the INCI name is Ox-ybenzone.



## Technical Data:

APPEARANCE @ 25°C:	Light yellow- colored powder.
IDENTIFICATION A:	Complies with USP
IDENTIFICATION B:	Complies with USP
ASSAY (%):	97 - 103
COLOR, GARDNER:	4 Maximum
ODOR:	Faint; characteristic.
CONGEAL POINT (°C):	62 Minimum
LOSS ON DRYING (%):	2 Maximum

## Applications:

Benzophenone-3 is used as a sunscreen in lotions, conditioners, and cosmetics. It also acts as a UV stabilizer in plastic surface coatings and polymers.



McKinley Resources, Inc.

P.O. Box 810472 • Dallas, TX 75381

Phone: 972-620-9730 • Fax: 972-421-1860

info@mckinleyresources.com • www.mckinleyresources.com