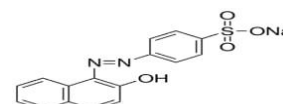


TROPAEOLIN OOO (pH INDICATOR)

PRODUCT CODE	323965
SYNONYMS	Orange II
C.I. NO.	15510
CASR NO.	(633-96-5)
ATOMIC OR MOLECULAR FORMULA	C₁₆H₁₁N₂NaO₄S
ATOMIC OR MOLECULAR WEIGHT	350.32
PROPERTIES	--



PARAMETER	LIMIT
Dye content (Titanometry ; on dried substance) min.	85.0%
pH transition range (yellow-red)	11.0 – 13.0
Absorption maximum (in water)	480 – 486 nm
Absorption ratio (A λ max -15nm)/(A λ max +15nm)	0.93 – 0.98
Sensitivity	Passes test.

MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 105 °C)	5.0%
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Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

IMDG Code : --
UN No. : --
IATA : --

Hazard Pictogram(s) :



GHS07

Replace date 17-June-2023