



TOXIMUL[®] 8240, 8241, 8242, 8243, and 8244

Product Name

TOXIMUL 8240, 8241, 8242, 8243, and 8244 are ethoxylated castor oils.

Chemical Description

CAS Registry No.

61791-12-6

Applications

TOXIMUL 8240, 8241, 8242, 8243, and 8244 are polyoxyethylated castor oils containing various moles of ethylene oxide. They can be used as emulsifiers for a variety of pesticide formulations. They can be used alone or in combination with other surfactants.

Typical Properties

	<u>TOXIMUL 8240</u>	<u>TOXIMUL 8241</u>	<u>TOXIMUL 8242</u>
Appearance at 25°C.....	Hazy Amber Liquid	Hazy Amber Liquid	Hazy Amber Liquid
Density, g/ml (lbs/U.S. gal) at 25°C.....	1.06 (8.8)	1.06 (8.8)	1.06 (8.9)
Moisture, %.....	0.1	0.1	0.1
pH, 5% Aqueous.....	6	6	6
Viscosity at 25°C, cps.....	600	640	2090
Flash Point, PMCC, °C (°F).....	>94 (>201)	>94 (>201)	>94 (>201)
Pour Point, °C (°F).....	10 (50)	7 (44)	13 (56)
Moles of EO, Average.....	36	30	40
HLB.....	13	12	13
RVOC, U.S. EPA, %.....	0	0	0
Solubility: Water.....	Soluble	Soluble	Soluble
Methanol.....	Soluble	Soluble	Soluble
Kerosene.....	Insoluble	Insoluble	Insoluble
Xylene.....	Soluble	Soluble	Soluble

Typical Properties

	<u>TOXIMUL 8243</u>	<u>TOXIMUL 8244</u>
Appearance at 25°C.....	Hazy Amber Liquid	Clear Amber Liquid
Density, g/ml (lbs/U.S. gal) at 25°C.....	1.03 (8.6)	1.02 (8.5)
Moisture, %.....	0.1	0.1
pH, 5% Aqueous.....	6	6
Viscosity at 25°C, cps.....	540	530
Flash Point, PMCC, °C (°F).....	>94 (>201)	>94 (>201)
Pour Point, °C (°F).....	-12 (<10)	<-18 (<0)
Moles of EO, Average.....	20	16
HLB.....	10	9
RVOC, U.S. EPA, %.....	0	0
Solubility: Water.....	Dispersible	Dispersible
Methanol.....	Dispersible	Dispersible
Kerosene.....	Insoluble	Insoluble
Xylene.....	Soluble	Soluble

Other Data

DOT ClassificationNon-Hazardous

Workplace Exposure

Occupational exposure can occur primarily through skin contact or via inhalation of vapors and mists. Engineering controls, personal protective equipment, and other workplace practices should be used to control these exposures.



Clearances

TOXIMUL 8240, 8241, 8242, 8243, and 8244 are approved for use as inert ingredients under U.S. EPA 40 CFR 180.960.

All components of the TOXIMUL 8240 series are listed in the following countries; the registration number for the active ingredient is included in parentheses: United States (TSCA 61791-12-6), Canada (DSL 61791-12-6), New Zealand (NZIoC 61791-12-6), Australia (AICS 61791-12-6), Philippines (PICCS 61791-12-6), Korea (ECL Serial No. KE-13404), China (IECSC 61791-12-6), Japan (ENCS 8-290), Europe (Polymer Exempt).

TOXIMUL® is a registered trademark of Stepan Company.

Product Stewardship

This product bulletin has been written in accordance with ACC's product Stewardship guidelines.

Additional Safety Information

A Material Safety Data Sheet is available upon request.

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