

# MATERIAL SAFETY DATA SHEET

FOR HAZARDOUS PRODUCTS USED IN PLACES OF EMPLOYMENT

#M2911

<b>section 1 name &amp; product</b> manufacturer's name (a) ICI Americas Inc.		emergency phone no. (24 hours) (b) 302/575-3000
street address (c) Concord Pike & Murphy Road		date this form written (d) 3-1-78
city, state, zip code (e) Wilmington, DE 19897		signature of certifying company official (f)
chemical name, trade name, and synonyms (g) PROCION® Blue MX-G Conc.		
formula of primary component(s) (h) C.I. Reactive Blue 163		

section 2 ingredients	%	TLV (units)
Proprietary		*10 mg/m <sup>3</sup>
* No data but suggest a TLV of 10 mg/M <sup>3</sup> total dust. (not specification values)		

section 3 physical data			
2 boiling point (°F.)	Not applicable	6 specific gravity	Not applicable
3 vapor pressure (mmHg at 20°C)	Not applicable	7 % volatile by volume	Not applicable
4 vapor density (air = 1)	Not applicable	8 color and odor	Blue/minimal
5 solubility in water 20°C	120 g/l	9 physical state	Powder

section 4 fire and explosion hazard data			
10 flash point (and method used) Not applicable		11 flammable limits (STP) L.F.L. No data U.F.L. No data	
12 extinguishing media:	<input checked="" type="checkbox"/> water fog	<input type="checkbox"/> foam	<input type="checkbox"/> alcohol foam <input type="checkbox"/> CO <sub>2</sub> <input type="checkbox"/> dry chemical <input type="checkbox"/> other
13 special fire fighting protective equipment Self contained breathing apparatus in close proximity of fire to protect against oxides of nitrogen, CO, and CO <sub>2</sub> .			
14 unusual fire and explosion hazards In common with many organic chemicals including the majority of dyes and pigments in powder form, this product could form flammable dust clouds in air.			

section 5 reactivity data			
15 stability	normal conditions	16 conditions to avoid Stable	
	fire conditions	Stable	
17 incompatibility (materials to avoid)	<input type="checkbox"/> water	<input type="checkbox"/> acid	<input type="checkbox"/> base <input type="checkbox"/> corrosive <input type="checkbox"/> oxidizing material
	<input type="checkbox"/> other	Not applicable	
18 hazardous decomposition products Oxides of nitrogen, CO & CO <sub>2</sub> .			
19 hazardous polymerization	may occur	20 conditions to avoid	
	will not occur	X	

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**section 6 health hazard data**

21 oral ingestion

Rat acute oral LD50: >4.0 g/kg.

22 eye contact

Nonirritating in rabbit eye testing.

23 skin contact

Nonirritating to rabbit skin

24 skin absorption

Not absorbed

25 inhalation (TLV or suggested control figure)

Inhalation of powder may cause respiratory allergy.

26 effects of overexposure

Once an individual has become sensitized he should not handle the product which has caused sensitization.

27 first aid procedures

Ingestion - treat symptomatically.

**section 7 spill or leak procedures**

28 steps to be taken in case material is released or spilled

Mix with damp absorbent such as sand, earth or sawdust and shovel into waste container.

Wash away any residue with detergent and plenty of water.

29 disposal method

Dispose of waste material in accordance with local, state and federal pollution regulations.

**section 8 special protection information**

30 ventilation

local exhaust

Yes, at transfer points

special

mechanical (general)

General dilution

other

31 respiratory protection (specify type)

If TLV exceeded or local exhaust unsatisfactory. If needed use MESA-NIOSH respirator approved for substance with TLV not less than 0.05 mg/M<sup>3</sup> for dusts.

32 protective clothing

Caution, do not use respirators beyond their capabilities.

Impervious gloves, apron, and protective creams.

33 eye protection

not normally necessary

safety glasses without side shields

safety glasses with side shields

chemical workers goggles

gas tight goggles or equivalent

other

34 other protective equipment

None

**section 9 special precautions or other comments**

35 precautions to be taken in handling and storing

Dermatitis may occur to employees who may use harsh cleansing compounds or chemicals to remove stains.

Normal storage and handling.

36 other precautions

This dye does not contain any of the cancer-suspect agents in excess of the limits specified under the respective regulations in 29CFR Chapter XVII, Part 1910 Subpart Z, as of the date shown in section 1(d) of this form.