

MATERIAL SAFETY DATA SHEET

FOR HAZARDOUS PRODUCTS USED IN PLACES OF EMPLOYMENT

			13 03LD III				#M3373		
ection 1 name (emergency phon	e no. (24 hours)		
anulacturer's name						(b) 302/575-3000			
i) ICI Americas Inc.						date this form w	ritten		
treet address					for latest data, con- sult manufacturer.	(d) 2/18/80		•	
c) Concord		rph	y Rd.		signature of certifying				
ity, state, zip coo					(f)				
e) Wilmingt	on, DE 19	989	7·		107				
hemical name, to	rade name, and	syn	onyms \	\			•		
g) PROCION®	Blue MX-	2GA	Many	<u> </u>					
ormula of primar	ry component(s	3)				•			
_{n)} C. I. Re	eactive Bl	ue	109						
section 2 ingred	ilenis		<u></u>		· · · · · · · · · · · · · · · · · · ·	<u>, </u>		%	TLV (units)
ection a mg								1	· ·
				•		*		23 8	*10 mg/l
Pure Dye	2							76.2	1 20 28,
Propriet			•		•			1/0.2	1
-	_							4	1
*No	o data but	su	iggest a TLV of	10 mg/	'M ³ total dust	: •		1	
140	, 4654 545		-60	_				1	1
			•	•				1	<u> </u>
				(not speci	fication values)				1
section 3 physi	ical data								
2 boiling point	(°F)		Not applicab	ıle	6 specific gravity)X. 1		
2 Dolling point	er (mmHc et 20	Not applicab		7 % volatile by v		pplicable	<u> </u>		
3 vapor pressu	vapor pressure (mmHg at 20°c) vapor density (air = 1)		Not applicable 8 color and						
			150 g/1	<u> </u>	9 physical state	Powde	er		
5 solubility in v	water		130 8/1						
section 4 fire a	ing explosion a	24/	d data		11 flammable limi	ts (STP)	1		
10 flash point (a	and method use	-01	•		L.F.L. Not ap	plicable	U.F.L. No	t app	<u>licable</u>
Not app	Ticable			alcoh		drv	□ other		
10		ater	₽ foam	☐ foam		☐ chemical			
12 extinguishing media:		-							
media:			quipment	.a in a	lose proximit	v of fire.			
media:			quipment thing apparatu	ıs in c	lose proximit	y of fire.		<u></u>	
media:			quipment thing apparatu	is in c	lose proximit	y of fire.			
nedia: 13 special fire fi	ighting protecti ntained br	eat	thing apparatu						
nedia: 13 special fire fi	ighting protecti ntained br	eat	thing apparatu				dves and 1	oigmen	ts in
nedia: 13 special fire fi	ighting protecti ntained br	eat	thing apparatu				dyes and I	oigmen	ts in
media: 13 special fire fi Self con 14 unusual fire In comm	ighting protection tained branch and explosion on with ma	haza	ards organic chemic	cals in	cluding the m	ajority of (oigmen	ts in
media: 13 special fire fi Self con 14 unusual fire In comm	ighting protection tained branch and explosion on with ma	haza	ards organic chemic	cals in	cluding the m	ajority of (oigmen	ts in
media: 13 special fire fi Self con 14 unusual fire In comm powder	ighting protection tained brand explosion on with material form, this	haza	organic chemic	cals inc	cluding the m	ajority of (oigmen	ts in
media: 13 special fire for Self control 14 unusual fire In comm powder section 5 reac	ighting protects ntained br and explosion on with ma form, this	haza	ards organic chemic	cals inc	cluding the m	ajority of (oigmen	ts in
media: 13 special fire fi Self con 14 unusual fire In comm powder	and explosion on with ma form, this	haza any	ards organic chemic roduct could fo	cals inc	cluding the m	ajority of (oigmen	ts in
media: 13 special fire for Self control 14 unusual fire In comm powder section 5 reac	and explosion on with ma form, this	haza	ards organic chemic roduct could fo	cals inc	cluding the m	ajority of (oigmen	ts in
media: 13 special fire for Self control 14 unusual fire In comm powder section 5 read 15 stability	and explosion on with ma form, this tivity data normal conditions	haza any	ards organic chemic roduct could fo	cals inc	cluding the m	ajority of o	g	oigmen	ts in
media: 13 special fire for Self control 14 unusual fire In comm powder section 5 reaction 15 stability	and explosion on with ma form, this tivity data normal conditions fire conditions	hazany S p:	ards organic chemic roduct could fo	cals inc	cluding the m	ajority of o	g	oigmen	ts in
media: 13 special fire for Self control 14 unusual fire In comm powder section 5 reaction 5 reacti	and explosion on with ma form, this tivity data normal conditions fire conditions	haza any Yes	ards organic chemic roduct could fo	cals inc	cluding the m	ajority of o	g	oigmen	ts in
media: 13 special fire fi Self con 14 unusual fire In comm powder section 5 read 15 stability 17 incompatibility (materials to avoid)	and explosion on with material form, this tivity data normal conditions fire conditions	hazzany s p: Yes Yes vater	ards organic chemic roduct could for the conditions to avoid acid Not appl	cals incorm flan	cluding the m	ajority of o	g	oigmen	ts in
media: 13 special fire for Self control of the	and explosion on with material to the conditions of the conditions	hazzany s p: Yes vater proof	ards organic chemic roduct could for the state of the sta	cals incorm flat	cluding the m	ajority of o	g	oigmen	ts in
media: 13 special fire for Self control of the	and explosion on with material to the conditions of the conditions	hazzany s p: Yes vater proof	ards organic chemic roduct could for the state of the sta	cals income flan	cluding the m	ajority of o	g	oigmen	ts in
media: 13 special fire for Self control 14 unusual fire In comm powder section 5 reaction 5 reacti	and explosion on with material decomposition of the conditions of the condition of the condit	hazzany s p: Yes vater proof	ards organic chemic roduct could for the conditions to avoid acid Not appl	cals income flan	cluding the m	ajority of o	g	oigmen	ts in
media: 13 special fire for Self control of Sel	and explosion on with ma form, this tivity data normal conditions fire conditions decomposition decompos	hazzany s p: Yes vater proof	ards organic chemic roduct could for the state of the sta	cals income flan	cluding the m	ajority of o	g	oigmen	ts in
media: 13 special fire for Self control 14 unusual fire In comm powder section 5 reactor 15 stability 17 incompatibility (materials to avoid) 18 hazardous Thermal 19 hazardous	and explosion on with material details and explosion of the details and e	hazzany s p: Yes vater proof	ards organic chemic roduct could for the state of the sta	cals income flan	cluding the m	ajority of o	g	oigmen	ts in
media: 13 special fire for Self control 14 unusual fire In comm powder section 5 reaction 5 react	and explosion on with material details and explosion on with material conditions fire conditions decomposition decomposition decomposition will not	haze eany s p: Yes vater other	ards organic chemic roduct could for the state of the sta	cals income flan	cluding the m mmable dust c	ajority of olding aid oxidizing material co, & CO2.	g	oigmen	ts in

MATERIAL SAFETY DATA SHEET (continued) PROCION Blue MX-2GA
section 6 health hazard data Based on the testing of a similar dye material.
21 oral ingestion
Acute Oral Rat LD50: >5.0 g/kg.
22 eye contact
Positive as an eye irritant in animal testing. 23 skin contact
Mildly irritating in animal testing but not considered a primary skin irritant.
24 skin absorption
Not applicable
25 inhalation (TLV or suggested control figure)
No data but suggest TLV of 10 mg/M ³ total dust. (ACGIH 1979 tables)
26 effects of overexposure Dust can cause respiratory allergy. A sensitized individual should not
handle the product which caused the sensitization.
27 first aid procedures In case of contact with eyes or skin - Flush with plenty of water. If redness, itching
or a burning sensation develops, get medical attention. Remove contaminated clothing.
Wash clothing and decontaminate shoes before reuse. Ingestion: Treat symptomatically.
Wash Clothing and decontaminate shoes before lease. Ingestion, iteat symptomatically.
section 7 spill or leak procedures
28 steps to be taken in case material is released or spilled
Mix with a slightly moist absorbent such as sand, earth or sawdust and shovel into
waste container. Wear eye protection, protective clothing and respiratory protection.
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 special
At transfer points
mechanical (general) other
Dilution ventilation
31 respiratory protection (specify type) Caution, do not use respirators beyond their capabilities. Not
normally needed if local exhaust satisfactory. If needed use MESA-NIOSH approved for
32 protective clothing \ substance with TLV not less than 0.05 mg/cum for dusts.
Rubber gloves, aprons and/or protective creams. 33 eve protection contact classes chemical gas tight googles Full face shield, in
33 eye protection safety glasses chemical gas tight goggles Eull face shield, in with side shields workers goggles or equivalent other addition, if in solutions
and splashing possibl
34 other protective equipment
Not applicable
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.
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,
specified under the respective regulations in 250rk onapter Avil, rate 1510 bubbar 5,
as of the date shown in section 1(d) of this form.
37references Internal, 1979 ACGIH TLV tables.

Fab Dec 3553 Old Post Road San Angelo, Tx 76904