



Safety Data Sheet

Sabracron Azure Blue F45

Section 1: PRODUCT INFORMATION

Trade Name: Sabracron Azure Blue F45
Chemical Name ...: Azo Dye
Synonyms: Reactive Blue Bye
Date/Revised: 08/27/2015

Supplied by: PRO Chemical & Dye
126 Shove Street
Fall River, MA 02724

Emergency Telephone Numbers:
800-255-3924 ChemTel. (United States)
+ 1 01 813-248-0585 (Outside the United States)

Section 2: HAZARDOUS INGREDIENTS

HMIS: 1 1 0 E

Material: MAY BE HARMFUL IF SWALLOWED

Warning: OVEREXPOSURE TO THIS PRODUCT MAY CAUSE SLIGHT IRRITATION OF EYES AND SKIN and may be irritating to respiratory tract.

This product has been classified as category 5 oral toxicity.

Section 3: PHYSICAL DATA

Appearance.....: POWDER
Odor: NONE
Solubility in Water.....: 100g/l Bulk Density ND
pH: 7.7@20g/l
Boiling point: N/A

Section 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A.

Flammable Limits LEL: N.A VEL: N.A.

Extinguishing Media: WATER SPRAY, DRY CHEMICALS, FOAM OR CARBON DIOXIDE

Special Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR FULL-FACE, SELF-CONTAINED BREATHING APPARATUS AND IMPERVIOUS PROTECTIVE CLOTHING

Unusual Fire and Explosion Hazards ...: NONE EXPECTED, BUT AVOID THE BUILD-UP OF DYE DUST/CLOUDS WHICH COULD BE EXPLOSIVE, AS OTHER ORGANIC POWDERS ARE.

NFPA Fire Hazards Code

Health	1	Minimal	0
Fire	1	Slight	1
Reactivity	0	Moderate	2
Specific	E	Serious	3
		Severe	

Section 5: TOXICOLOGICAL DATA

Animal Toxicity LD50 Oral (Ingestion)	3135 mg/kg (RAT)
Fish, LD50	>1000 mg/l 96 HR (Zebra Fish)
LD50 (Inhalation)	Non-Irritant (Rabbit Eye)
Primary Route of Exposure	N.E
Threshold Limit Value	
Acute: SLIGHT IRRITATION OF EYES AND OR SKIN.	

Effects of Overexposure:

Section 6: EMERGENCY AND FIRST AID PROCEDURES

Eyes	IMMEDIATE AND CONTINUOUS IRRIGATION WITH FLOWING WATER FOR AT LEAST FIFTEEN MINUTES. CONSULT PHYSICIAN IF IRRITATION OCCURS.
Skin	IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER. WASH WELL WITH SOAP AND WATER. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Ingestion	IF CONSCIOUS, GIVE TWO GLASSES OF WATER TO DILUTE. INDUCE VOMITING ONLY IF ADVISED BY POISON CONTROL CENTER.
Inhalation	REMOVE TO FRESH AIR. IF EFFECTS OCCUR CONSULT PHYSICIAN.

Section 7: PHYSICAL HAZARDS

Precautions: MAINTAIN GOOD HOUSEKEEPING TO AVOID DUST BUILD-UP. AVOID INGESTION, EYE AND SKIN CONTACT. MINIMIZE INHALATION EXPOSURE BY USING DUST RESPIRATOR. WASH HANDS AFTER WEIGHING DYE TO AVOID CONTACT OF THE SKIN OR EYES WITH CONTAMINATED HANDS. A SENSITIZED INDIVIDUAL SHOULD NOT BE EXPOSED TO THE PRODUCT WHICH CAUSED THE SENSITIZATION.

Section 8: SPECIAL PROTECTION INFORMATION

Ventilation	USE LOCAL EXHAUST VENTILATION TO MINIMIZE EXPOSURE
Respiratory	A NIOSH/MSHA APPROVED DUST RESPIRATOR SHOULD BE WORN.
Eye Protection	WEAR SIDE-SHIELD APPROVED DUST RESPIRATOR OR CHEMICAL SAFETY GOGGLES

- Skin Protection: Employees should avoid skin contact by wearing protective clothing. Long-sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work.
- Protective Gloves: WEAR IMPERVIOUS GLOVES AS A STANDARD HANDLING PROCEDURE.
- Other: DELUGE SAFETY SHOWER, EYE WASH STATION, PROTECTIVE CLOTHING.

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

Section 9: ECOLOGICAL DATA

Biodegradability:	ND
Bacteria Toxicity Inhibition:	IC50>300mg/l
COD:	760 mg/g
AOX:	N/D

Section 10: REACTIVITY DATA

- Stability: STABLE UNDER NORMAL STORAGE CONDITIONS.
- Incompatibility (Materials to Avoid): OXIDIZING AND REDUCING AGENTS.
- Hazardous Decomposition Products .. : BURNING WILL PRODUCE OXIDES OF CARBON, NITROGEN AND SULFUR.
- Hazardous Polymerization : WILL NOT OCCUR UNDER NORMAL CONDITIONS.

Section 11: STORAGE INFORMATION

Precautions To Be Taken In Handling And Storing: AVOID BREATHING DUST. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING. STORE IN A DRY PLACE AWAY FROM EXCESSIVE HEAT, IN ORIGINAL OR SIMILAR WATERPROOF CONTAINERS. RESEAL CONTAINERS IMMEDIATELY AFTER USE.

Section 12: SPILL, LEAK AND DISPOSAL INFORMATION

Accidental Release Measures: UTILIZE RECOMMENDED PROTECTIVE CLOTHING AND RESPIRATORY PROTECTION. MIX MATERIAL WITH SWEEPING COMPOUND TO MINIMIZE DUSTING WHILE SWEEPING UP AND CONTAINING. VACUUM CONTAMINATED AREA.

Disposal Considerations: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE AND SHOULD NOT BE DISTRIBUTED, MADE AVAILABLE, FURNISHED OR REUSED EXCEPT FOR STORAGE AND SHIPMENT OF ORIGINAL PRODUCT.

Section 13: SHIPPING INFORMATION

DOT Shipping Name: NOT REGULATED
Technical Shipping Name: NOT APPLICABLE
DOT Hazard Classification
Primary: NOT APPLICABLE
Secondary: NOT APPLICABLE
Freight Classification: 55
UN Number: NOT APPLICABLE
IMO Hazard Class: NOT APPLICABLE
DOT Labels Required: COMMUNITY RIGHT TO KNOW LABEL.
EPA/DOT Hazardous Substances Rq : NOT APPLICABLE

Section 14: OTHER GOVERNMENT REGULATIONS

TSCA: ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH THE TOXIC SUBSTANCE CONTROL ACT.

Copper compounds 58.09%, copper 3.09%

SARA:312	Immediate(acute) health hazard	No
	Delayed(chronic) health hazard	No
	Fire hazard	No
	Sudden Release pressure	No
	Reactivity	No

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC

CALIFORNIA PROPOSITION 65: This product does not contain any components currently on the California List of Known Carcinogens and Reproductive Toxins.

Section 15: ADDITIONAL COMMENTS

Practices: HANDLE WITH DUE CARE AND MINIMIZE EXPOSURE IN ACORDANCE WITH GOOD INDUSTRIAL HYGIENE PRACTICE.

Section 16: DISCLAIMER

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N.E. – Not Established
N.A. – Not Applicable