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# MATERIAL SAFETY DATA SHEET Sabracron Deep Navy F-47

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SECTION 1 —	
CHEMICAL FAMILY	Azo Dye
TRADE NAME	Sabracron Deep Navy F47
SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS	
All Ingredients are TSCA Registered. See Section 12.	
SECTION 3 — HAZARDS IDENTIFICATION	
Physical hazards — none specifically listed. Health hazards — No ingredients are hazardous. This health hazard assessment is based on a consideration of the composition of this product.	
SECTION 4 — POTENTIAL HEALTH EFFECTS/EFFECTS OF OVEREXPOSURE	
EYE CONTACT	The dry powder may cause eye irritation in some individuals.
SKIN CONTACT	May cause sensitization by skin contact. Unlikely to cause skin irritation.
INHALATION	Azo dyes, of which this is one type, have been associated with respiratory sensitization.
INGESTION	Unlikely to be hazardous, if swallowed.
CHRONIC	No evidence of adverse effects from available information.
EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT	Flush with water. If irritation develops, call a physician.
SKIN CONTACT	No harmful effects expected. Wash with soap and water. If symptoms develop, obtain medical attention.
INHALATION	If large quantities have been inhaled, keep airway open as necessary. Remove victim to fresh air. If cough or other respiratory symptoms develop, consult medical personnel.
INGESTION	No harmful effects expected. Give glass of water to drink. If gastrointestinal symptoms develop, consult medical personnel. Never give anything by mouth to an unconscious person.

**SECTION 5 — FIRE AND EXPLOSION HAZARD DATA**

<b>FLASH POINT (Method Used)</b>	100 c
<b>FLAMMABLE LIMITS IN AIR</b>	None known.
<b>EXTINGUISHING MEDIA</b>	Use water spray, foam, carbon dioxide or dry chemical.
<b>SPECIAL FIRE FIGHTING &amp; EQUIPMENT PROCEDURES</b>	Use self-contained breathing apparatus with full-face piece and protective clothing if involved in fire with other materials.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>	As with most organic materials, this product should be treated as a combustible dust when in the finely divided and air suspended state.

**SECTION 6 — SPILL OR LEAK PROCEDURE**

<b>STEPS TO TAKE IN CASE MATERIAL IS RELEASED OR SPILLED</b>	If dry, shovel, vacuum or sweep up and return to container. Wear skin protection during clean-up. Use care to minimize the amount of colored material to reach the sewer.
<b>ENVIRONMENTAL HAZARDS/WASTE DISPOSAL</b>	Discarded product is not a hazardous waste.

**SECTION 7 — SPECIAL PRECAUTIONS**

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b>	Normal precautions common to good manufacturing practice should be followed in handling and storage. Control dust formation. Avoid contact with skin and eyes.
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**SECTION 8 — PERSONAL PROTECTION INFORMATION**

<b>RESPIRATORY PROTECTION</b>	The use of a dust respirator is recommended.
<b>PROTECTIVE GLOVES</b>	Use gloves, apron and arm covers to avoid skin contact.
<b>EYE PROTECTION</b>	The use of goggles is recommended.
<b>OTHER PROTECTIVE EQUIPMENT</b>	Eyewash station in work area.
<b>VENTILATION</b>	Local exhaust ventilation is recommended.

**SECTION 9 — PHYSICAL DATA**

<b>BOILING POINT (°C)</b>	Not applicable.	<b>MELTING POINT (°C)</b>	> 100 c
<b>BULK DENSITY</b>	Not Applicable	<b>SOLUBILITY IN WATER</b>	Soluble
<b>VAPOR PRESSURE (mm Hg)</b>	Not applicable.		
<b>pH, 1% SOLUTION</b>	Not applicable	<b>MOLECULAR WEIGHT</b>	Not applicable
<b>VAPOR DENSITY (AIR = 1)</b>	Not applicable.	<b>SPECIFIC GRAVITY (WATER = 1.0)</b>	Not applicable.
		<b>APPEARANCE AND ODOR</b>	Blue powder. None.

**SECTION 10 — REACTIVITY DATA**

<b>STABILITY</b>	Product is stable.
<b>INCOMPATIBILITY</b>	Oxidizing Agents
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Combustion product of dry material : carbon dioxide, carbon monoxide.
<b>HAZARDOUS POLYMERIZATION</b>	Will not occur.
<b>CONDITIONS TO AVOID</b>	None.

**SECTION 11 — TOXICOLOGICAL INFORMATION**

<b>LD50, ORAL, RAT</b>	LD50> 2,000 mg/kg (rat).
<b>DUST INHALATION</b>	Excessive dust may be irritant to the upper respiratory tract.
<b>EYE IRRITATION</b>	May cause eye irritation.
<b>SKIN IRRITATION</b>	Unlikely to cause skin irritation.
<b>SKIN SENSITIZATION</b>	May cause sensitization by skin contact.
<b>CHRONIC ORAL, RAT</b>	No data.
<b>CHRONIC ORAL, DOG</b>	No data.
<b>3-GENERATION REPRODUCTION, RAT</b>	No data.

**SECTION 12 — REGULATORY INFORMATION**

The ingredients of this product are on the TSCA Chemical Substances Inventory, the Canadian Domestic substances List, and are included in the European Inventory of Existing Commercial Chemical Substances (EINECS). As of the date of this MSDS, they are not specifically regulated under CERCLA, CWA, DOT, OSHA, or TSCA. They are not "toxic" under SARA Title III, nor does the product contain any "toxic" materials in excess of "de minimis concentrations" as defined at 40 CFR 372.38 (a). Also, the manufacturer is unaware of any local, state, or federal regulations, which define this product or its ingredients as hazardous. The OSHA Hazard Communication Standard only requires MSDS's and special labeling for hazardous materials. This MSDS is provided as an information item for our customers.

**While this information and recommendations set forth are believed to be accurate as of the date hereof, the manufacturer makes no warranty with respect hereto and disclaims all liability from reliance thereon.**

**09/20/2010**