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Material Safety Data Sheet

Sabracron National Blue F41

Emergency Telephone Numbers:
800-255-3924 ChemTel.(United States)
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Issue Date: 4/19/2013

1. PRODUCT IDENTIFICATION

PRODUCT NAME: SABRACRON NATIONAL BLUE F41
CHEMICAL FAMILY: FORMAZANE METAL COMPLEX DYE
T.S.C.A. STATUS: COMPLIANCE

2. HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS: COPPER CAS# 7440-50-8 3.09 %
COPPER COMPOUND 58.09 %
CURRENT TLV'S: NONE KNOWN

3. HAZARDS IDENTIFICATION

PRIMARY ROUTE OF EXPOSURE

INHALATION: NO SKIN CONTACT: NO INGESTION: NO
SKIN ABSORPTION: YES EYE CONTACT: YES

CARCINOGEN STATUS

IARC: NO NTP: NO OSHA: NO ACGIH: NO

CHRONIC EFFECTS OF OVEREXPOSURE

Reactive dyestuff. May cause sensitization.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

May be irritating to the respiratory tract.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye or respiratory condition may be more susceptible to the effects of this product.

4. EMERGENCY AND FIRST AID PROCEDURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT: Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

SKIN CONTACT: Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

INGESTION: Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

5. FIRE AND EXPLOSION DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: CO₂ Dry Chemical Foam Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:

Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

ADDITIONAL INFORMATION: Avoid dusting conditions. May form explosive dust mixtures with air.

6. SPILL OR LEAK PROCEDURES

IN CASE MATERIAL IS RELEASED/SPILLED:

Avoid formation and deposition of dust. Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers. For further disposal measures see section 13.

7. SPECIAL PRECAUTIONS AND STORAGE DATA

SAFE HANDLING: In accord with good industrial practice. Handle with care and avoid personal contact.

8. EMPLOYEE PROTECTION RECOMMENDATIONS

GENERAL PROTECTIVE MEASURES:

Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

EYE PROTECTION: Employees should wear protective eye-goggles with side protection shield.

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. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.

RESPIRATORY PROTECTION: Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

VENTILATION: Use local ventilation.

OTHER: Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE: POWDER
COLOR: BLUE
ODOR: NONE
SOLUBILITY IN WATER: 100 g/l
IGNITION TEMP: N.A.
BULK DENSITY: N.A.
pH: 7.7 @ 20 g/l
% VOLATILE: < 0.10 %

10. REACTIVITY DATA

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
HAZARDOUS REACTIONS: In the case of dusty organic products the possibility of a dust explosion should always be considered.

11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD50 (INGESTION): 3135 mg/kg (RAT)
FISH, LC50: > 1000 mg/l 96 HR(Zebra Fish)
EYE EFFECTS: NON-IRRITANT (RABBIT EYE)
SKIN EFFECTS: NON-IRRITANT (RABBIT)
SENSITIZATION: NON-SENSITIZER (GUINEA PIG)

12. ECOLOGICAL DATA

BIODEGRADABILITY: ND
BACTERIA TOXICITY INHIBITION: IC50 > 300 mg/l
COD: 760 mg/g
AOX: ND

13. DISPOSAL CONSIDERATIONS

PRODUCT: If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.

UNCLEANED PACKAGING: Soiled, empty containers are to be treated in the same way as the contents.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55

IATA(P,C): NON-REGULATED
IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:

TSCA: The components of this product are listed on the TSCA Inventory

SARA 313: This product is subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

Copper compounds 58.09 % , copper 3.09 %

SARA 312:

Immediate (acute) health hazard	No
Delayed (chronic) health hazard	No
Fire hazard	No
Sudden Release of Pressure	No
Reactivity	No

OTHER REGULATIONS: Labeling is not required in accordance with the EEC directives:

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

16. OTHER INFORMATION

The manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. The manufacturer makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall the manufacturer be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

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