

Material Safety Data Sheet

Effective Date: 07-APR-2004
Product: SPRAY INDICATOR

I. IDENTIFICATION

Chemical Name: Acid Blue # 9
Chemical Family: Dyestuffs
Formula: Not applicable, formulated mixture.
Synonyms: None
CAS Number: Not applicable, formulated mixture.
EPA Number: None required

II. PHYSICAL DATA

Boiling Point: 100 Degrees C.
Freezing Point: <33 Degrees F.
Spec Gravity: 1.06 gms/cc
Vapor Pressure: Not determined
Vapor Density: Heavier than air
Solubility: Soluble
Volatiles: Not determined
Evaporation: Slower than Ether
Melting Point: Not applicable
Appearance: Dark blue liquid, no odor.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
Proprietary blend of Acid Blue #9 (dyestuff) and inert ingredients.		100.00	N/E	Non-hazardous

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 Degrees F.
Autoignition Temp: Not applicable
Flammable Limit: Not applicable
Extinguishing Media: Foam, alcohol fog, carbon dioxide, dry chemical and water fog.
Special Fire Fight Proc: Firefighters should wear butyl rubber boots, gloves, body suit and self-contained breathing apparatus.
Fire and Expl Hazard: Not a fire or explosion hazard when stored under normal conditions. Use water spray to keep fire-exposed containers cool.

Material Safety Data Sheet

Effective Date: 07-APR-2004
Product: SPRAY INDICATOR

V. HEALTH HAZARD

Carcinogen Information: Not a carcinogen.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: Practically non-toxic by ingestion. However, ingestion of large amounts may be harmful.
Skin Absorption: Practically non-toxic by skin absorption. Temporary discoloration of the skin may occur.
Inhalation: Prolonged inhalation may lead to respiratory tract irritation.
Skin contact: Prolonged or repeated skin contact may result in mechanical irritation.
Eye Contact: Prolonged or repeated eye contact may result in mechanical irritation.
Chronic Effects: None currently known.
Other Hazard: May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Dilute with water and induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.
Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation develops, consult a physician.
Inhalation: Move to fresh air. If irritation develops, consult a physician.
Eyes: Flush eyes with water for 30 minutes, holding eyelids open. If irritation develops, consult a physician.
Notes to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms. If contact is made with the spray solution containing pesticides, follow the "Statement of Practical Treatment" on the pesticide label.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: None currently known.
Polymerization: Will Not Occur

Material Safety Data Sheet

Effective Date: 07-APR-2004
Product: SPRAY INDICATOR

Conditions to Avoid: None currently known.
Incompatibility material: Mineral acids, strong oxidizing agents, high heat sources, sparks and open flames.
Hazardous Combustion: Carbon oxides, nitrous oxides, acetic acid or other toxic compounds under fire conditions.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: Contain the spill to prevent discharge to surface water or stormwater sewers. Absorb spill and place in suitable drums for disposal. Scrub spill area with detergent and water. Absorb and place in containers with collected material.
Waste Disposal Method: This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: If vapors or mists are generated, wear NIOSH-approved organic vapor/mist respirator.
Ventilation: Use local exhaust to control vapors/mists when necessary.
Gloves: Rubber gloves
Eyes: Safety goggles
Other: Coveralls, apron or boots as necessary to prevent skin contact. Emergency eyewash should be easily accessible.

IX. SPECIAL PRECAUTIONS

Special precaution: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams or ponds.
Other precaution: No toxic chemical(s) subject to the reporting requirements of Section 313 of SARA, Title III and of 40 CFR Part 372 are present.

X. SHIPPING INFORMATION

Helena Chemical Company
PH: 901-761-0050
CHEMTREC: 800-424-9300

07-APR-2004 09:21:15
Page 4 Of 4

Material Safety Data Sheet

Effective Date: 07-APR-2004
Product: SPRAY INDICATOR

Shipping name: Not regulated by DOT, IATA or IMDG.
Hazard Class: None
Identification No: None
Labels Required: None required
Placarding: None
Freight Class: Soaps, Dyes, Cleaning Compounds, Liquid, NOIBN
(NMFC Item 149980, Sub 2, Class 55)

Chemical Name	Equivalent R.Q.
-----	-----
Not applicable	Not applicable

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 1 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: N	Delayed (Chronic) Health: N
Sudden Release of pressure: N	Fire: N
Reactive: N	

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017
Helena Chemical Company believes that the data contained herein is factual.
This data is not to be taken as a warranty or representation of legal
responsibility. It is offered solely for your consideration, investigation
and verification.