

Material Safety Data Sheet

Effective Date: 16-MAR-2000
Product: PRO-MATE 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	NOT ESTABLI SHED	NONHAZARDOUS

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 DEGREES F (TCC)
Autoignition Temp: NOT APPLICABLE
Flammable Limit: NOT APPLICABLE
Extinguishing Media: FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY
CHEMICAL, WATER FOG.
Special Fire Fight Proc: FIRE FIGHTERS SHOULD WEAR BUTYL RUBBER BOOTS,
GLOVES, AND BODY SUIT AND A NIOSH/MSHA SELF-
CONTAINED BREATHING APPARATUS.
Fire and Expl Hazard: NOT A FIRE OR EXPLOSION HAZARD WHEN STORED
UNDER NORMAL CONDITIONS. USE WATER SPRAY TO
KEEP EXPOSED CONTAINERS COOL.

Material Safety Data Sheet

Effective Date: 16-MAR-2000
Product: PRO-MATE 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 SKIN MAY OCCUR.
Inhalation: PROLONGED INHALATION MAY LEAD TO RESPIRATORY
TRACT IRRITATION.
Skin contact: PROLONGED OR REPEATED CONTACT MAY RESULT IN
MECHANICAL IRRITATION.
Eye Contact: PROLONGED OR REPEATED 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
Conditions to Avoid: NONE CURRENTLY KNOWN.

Material Safety Data Sheet

Effective Date: 16-MAR-2000
Product: PRO-MATE SPRAY INDICATOR

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 STREAMS OR STORM WATER SEWERS. ABSORB
SPILL AND PLACE IN SUITABLE DRUMS FOR DISPOSAL.
SCRUB SPILL AREA WITH DETERGENT AND WATER.
ABSORB AND PLACE IN SAME CONTAINERS.
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, 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 CHEMICALS(S) SUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION 313 OF SARA, TITLE III
AND OF 40 CFR 372 ARE PRESENT.

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

12-JUN-2002 16:32:02
Page 4 Of 4

Material Safety Data Sheet

Effective Date: 16-MAR-2000
Product: PRO-MATE SPRAY INDICATOR

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IATA OR IMDG.
Hazard Class: NONE
Identification No: NONE
Labels Required: NONE REQUIRED
Placarding: NONE REQUIRED
Freight Class: SOAPS, DYES, CLEANING COMPOUNDS, LIQUID, NOIBN
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.
