



Material Safety Data Sheet

Markitt Blue™

COMPANY IDENTIFICATION

Manufactured for Turfgrass Management, Inc.
Grigg Brothers, PO BOX 128, Albion, Idaho, 83311
08:00–17:00 MST, Mon-Fri: **1.800.246.8873**
EMERGENCY NUMBER: After hours, holiday's, and
all other non business hours; call poison control
1.800.222.1222

PRODUCT IDENTIFICATION

COMMON NAME: Spray Dye Colorant
CHEMICAL DESCRIPTION: A Proprietary, Aqueous
solution for a spray pattern indication.
CHEMICAL ACTIVITY: N/A
HAZARDOUS COMPONENTS / CAS#: None

SECTION 2

HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

HAZARDOUS COMPONENTS: (Specific
Chemical Identity; OSHA PEL ACGIH TLV
C.A.S. NO. SARA Common Name) (Mg/M3)
(Mg/M3) % **None**

SECTION 3

EMERGENCY / HAZARD OVERVIEW

This material is a concentrated colorant.
(Dark blue liquid with no odor). It is
essentially non-toxic and no hazards
expected with normal use, handling, and
storage. Extinguish all nearby sources of
ignition/spark. Not D.O.T. regulated.

HEALTH:1 REACTIVITY:0

FLAMMABILITY:0 ENVIRONMENT:1
(0=insignificant, 1=slight, 2= moderate,
3=high, 4=extreme)

SECTION 4

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: > **98.9° C (210° F)**
SPECIFIC GRAVITY: (H₂O=1) **N/A** VAPOR
PRESSURE: (MM HG) **N/A** VAPOR
DENSITY: (AIR=1) >1 EVAPORATION
RATE: **N/A** pH: **7.0** DENSITY: **8.84 lbs /**
gal. (BUTYL ACETATE=1) **N/A**
APPEARANCE AND ODOR: **Dark Blue; no**
odor.

SECTION 5

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD): **N/A**
FLAMMABLE LIMITS: LEL **N/A** UEL **N/A**
EXTINGUISHING MEDIA: Dry powder or
CO₂ SPECIAL FIREFIGHTING
PROCEDURES: As in any fire, wear positive
pressure, self contained breathing apparatus
and goggles. Avoid smoke inhalation.
Contain any liquid runoff. UNUSUAL FIRE &
EXPLOSION HAZARDS: Extinguish all
nearby sources of ignition / spark

SECTION 6

REACTIVITY DATA

STABILITY: **Stable** CONDITIONS TO
AVOID: Contact with active metals
INCOMPATIBILITY (MATERIALS TO
AVOID): **N/A** HAZARD DECOMPOSITION
OR BY-PRODUCTS: **Decomposition will**
NOT occur if handled and stored
properly. However, may liberate carbon
monoxide, carbon dioxide or, if in contact
with active metals, hydrogen gas HAZARD
POLYMERIZATION: **Will Not Occur**

SECTION 7

POTENTIAL HEALTH EFFECTS AND FIRST AID

Eyes: Can cause eye irritation. No hazards
expected with normal use; In case of contact
with eyes, immediately flush eyes with
plenty of water for at least 15 minutes. Get
medical attention if irritation develops or
persists.

Skin: Can cause skin irritation with
prolonged or repeated contact. No hazards
expected with normal use; Wash areas of
contact with plenty of soap and water for at
least 15 minutes. Wash any clothing before
reuse. If skin irritation develops or persists,
get medical attention.

Ingestion: Essentially non-toxic but may
cause nausea. No hazards expected with
normal use; Do not give anything by mouth
to an unconscious person. If swallowed and
if conscious and alert, dilute with water or
milk and then induce vomiting. Contact
physician or Poison control.

Inhalation: Although not known to cause
respiratory problems, may cause mild
irritation of nasal mucous membranes; If
engulfed with mist and breathing becomes
difficult, move to fresh air. If irritation persists
or a cough develops, provide oxygen and
get medical attention.

SUBCHRONIC EFFECTS: **N/A**

CHRONIC EFFECTS: **N/A**

SECTION 8

PRECAUTION FOR SAFE HANDLING, STORAGE, SPILLS AND DISPOSAL

STORAGE: Store in a plastic or stainless
steel container in a cool, well ventilated, dry
place at a temperature above 40°F. Avoid

contact with active metals. Do not store near
food or feeds. Do not stack pallets more
than two (2) high. TRANSFER: Transfer this
product using chemical-resistant plastic or
stainless steel tanks, pumps, valves, etc.
HYGIENIC PRACTICES: Keep out of reach
of children. Avoid contact with eyes, skin,
and clothing. Avoid inhalation of spray mists.
Wash thoroughly with soap and water after
handling. CONTAINMENT: Prevent product
spillage from entering drinking water
supplies or streams. CLEAN UP: Collect
liquid or absorb onto absorbent material and
package for disposal EVACUATION: Not
necessary. WASTE DISPOSAL METHOD:
Do not contaminate lakes, streams, ponds,
estuaries, oceans or other water by
discharge of waste effluents or equipment
wash waters. Dispose of waste effluents
according to state and local regulations.
Also, chemical additions or other alterations
of this product may invalidate any disposal
information in this MSDS. Therefore, consult
local waste regulators for proper disposal.
Do not discharge.

SECTION 9

ECOLOGICAL INFORMATION

ALGAL/LEMMA GROWTH INHIBITION: Not
Known TOXICITY TO FISH AND
INVERTEBRATES: Not Known TOXICITY
TO PLANTS: Not Known TOXICITY TO
BIRDS: Not Known

SECTION 10

TRANSPORTATION AND REGULATORY INFORMATION

D.O.T: **Not DOT regulated**

OTHER: Dyes or Colors, Liquid. NMFC Item
44380, LTL Class 100

CERCLA: None

SARA TITLE III, SECTION 313 TOXIC
CHEMICALS: None

PROPOSITION 65 (CA): None