

Material Safety Data Sheet
(United States + Canada)

LIQUID POWDER TRACING DYE

N/A = Not Applicable (Does Not Apply)

COMPANY NAME Norlab Inc
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EFFECTIVE DATE 02/15/2001
REVISED DATE 01/02/2003

Section I - Identification

YELLOWGREEN
Acid Yellow 73
Aqueous Solution
Xanthene
CAS NUMBER 518-47-8
HAZARDOUS CLASS N/A
RQ NUMBER N/A
UN NUMBER N/A
NA NUMBER N/A
US DOT SHIP NAME Coal Tar Sluff
PACKAGING SIZE Various
ITEM # LPY-C

RED

Acid Red 52
Aqueous Solution
Xanthene
CAS NUMBER 3520-42-1
HAZARDOUS CLASS N/A
RQ NUMBER N/A
UN NUMBER N/A
NA NUMBER N/A
US DOT SHIP NAME Coal Tar Sluff
PACKAGING SIZE Various
ITEM # LPR-C

BLUE

Blue AZO
Aqueous Solution
Triphenylmethane
CAS NUMBER 3849-45-9
HAZARDOUS CLASS N/A
RQ NUMBER N/A
UN NUMBER N/A
NA NUMBER N/A
US DOT SHIP NAME Coal Tar Sluff
PACKAGING SIZE Various
ITEM # LPB-C

VIOLET

Acid Violet 17
Aqueous Solution
Triphenylmethane
CAS NUMBER 4129-04-4
HAZARDOUS CLASS N/A
RQ NUMBER N/A
UN NUMBER N/A
NA NUMBER N/A
US DOT SHIP NAME Coal Tar Sluff
PACKAGING SIZE Various
ITEM # LPV-C

ORANGE

Eosin Y
Aqueous Solution
Xanthene
CAS NUMBER 17372-87-1
HAZARDOUS CLASS N/A
RQ NUMBER N/A
UN NUMBER N/A
NA NUMBER N/A
US DOT SHIP NAME Coal Tar Sluff
PACKAGING SIZE Various
ITEM # LPO-C

Section II - Hazardous Ingredients

NONE as per Part 29 CFR 1910.1200

ALL INGREDIENTS LISTED WITH TSCA

Section III - Physical State

YELLOWGREEN
BOILING POINT (F) N/A
FREEZING POINT (F) 30 F
VOLATILITY/VOLUME % N/A
MELTING POINT N/A
VAPOR PRESSURE (mm Hg) N/A
SOLUBILITY IN H2O 100%
APPEARANCE BROWN

RED
BOILING POINT (F) N/A
FREEZING POINT (F) 30 F
VOLATILITY/VOLUME % N/A
MELTING POINT N/A
VAPOR PRESSURE (mm Hg) N/A
SOLUBILITY IN H2O 100%
APPEARANCE DARK RED

BLUE
BOILING POINT (F) N/A
FREEZING POINT (F) 30 F
VOLATILITY/VOLUME % N/A
MELTING POINT N/A
VAPOR PRESSURE (mm Hg) N/A
SOLUBILITY IN H2O 100%
APPEARANCE DARK BLUE

VIOLET
BOILING POINT (F) N/A
FREEZING POINT (F) 30 F
VOLATILITY/VOLUME % N/A
MELTING POINT N/A
VAPOR PRESSURE (mm Hg) N/A
SOLUBILITY IN H2O 100%
APPEARANCE DARK PURPLE

ORANGE
BOILING POINT (F) N/A
FREEZING POINT (F) 30 F
VOLATILITY/VOLUME % N/A
MELTING POINT N/A
VAPOR PRESSURE (mm Hg) N/A
SOLUBILITY IN H2O 100%
APPEARANCE DARK ORANGE

ODOR	N/A	N/A	N/A	N/A
SPECIFIC GRAVITY (H2O=1)	Approximately 1	Approximately 1	Approximately 1	Approximately 1
EVAPORATION RATE	N/A	N/A	N/A	N/A
ACIDITY	N/A	N/A	N/A	N/A

Section IV - Fire and Explosion Hazard Data

FLASH POINT
LOWER FLAME LIMIT
HIGHER FLAME LIMIT
EXTINGUISH MEDIA
FOR FIRE

N/A
N/A
N/A
N/A
N/A

Section V - Health Hazard Data

THRESHOLD LIMIT VALUE
OVER EXPOSURE EFFECTS

Ingestion In rats LD 50>5,800 mg/kg
Contact with eyes may result in severe eye irritation
Contact with skin may result in irritation
Ingestion may result in gastric disturbances
Flush eyes with flowing water at least 15 minutes. If irritation develops, consult a physician.
Wash affected skin areas with soap and water. If irritation develops, consult a physician.
Remove and launder contaminated clothes before reuse.
If swallowed, dilute with water and induce vomiting.
NEVER GIVE FLUIDS OR INDUCE VOMITING, IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS

Section VI - Reactivity Data

CHEMICAL STABILITY
CONDITIONS TO AVOID
INCOMPATIBLE MATERIALS
DECOMPOSITION PRODUCTS
HAZARDOUS POLYMERIZATION
POLYMERIZATION TO AVOID

STABLE
N/A
N/A
CARBON MONOXIDE, CARBON MONOXIDE, AND OXIDES OF NITROGEN
DOES NOT OCCUR
N/A

Section VII - Spill or Leak Procedure

FOR SPILL
WASTE DISPOSAL METHOD

Spills should be contained and placed in suitable containers.
Dispose in accordance with local regulations.

Section VIII - Special Protection

RESPIRATORY PROTECTION
VENTILATION
PROTECTIVE GLOVES
EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT
HANDLING + STORAGE

N/A
N/A
To Prevent Skin Contact
Goggles
Eye wash fountains should be easily accessible
Keep container closed, keep container from freezing, and keep out of reach of children.

Section IX - Special Precautions

N/A

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