

MATERIAL SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name : HI.MARK YELLOW LK - 100

Manufacturer's Name :

Company Address :

Company Phone Number : TEL :

FAX :

Chemical Name : Family Water Base Dispersion of Basic Dyes and Polymer

CAS Registry Number : Mixture

All ingredients are listed in the EPA's TSCA list of Chemical Substances

SECTION 2 HAZARDOUS INGREDIENTS / HAZARD DATA

Chemical Name	CAS Number	NIOSH TWA	OSHA TWA	percent
Acrylonitrile(impurity)	107-13-1	1 ppm	40 ppm;70mg/m ³	<0.10

SECTION 3 HAZARD IDENTIFICATION

May be irritating to respiratory tract, skin and eyes .

This product is not rapidly ignitable .

Use only with adequate ventilation .

Wash thoroughly after handling .

SECTION 4 FIRST AID MEASURES

INHALATION : If inhaled, move to fresh air .

Perform artificial respiration if necessary .

Get medical attention immediately .

EYES : Flush eye with flowing water until no evidence of chemical remains

(at last 15 minutes) .

If irritation develops consult an oculist .

SKIN : Remove contaminated clothing and shoes immediately .

Wash affected skin with soap and water .

Get medical attention immediately .

INGESTION : If swallowed , dilute with water and induce vomiting .

Get medical attention immediately .

Never give anything by mouth to unconscious person .

SECTION 5 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD : N/A

SUITABLE EXTINGUISHING MEDIA : N/A

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : Clean up with appropriate personal equipment
(see Section 8) .

ENVIRONMENTAL PRECAUTIONS : Scoop or sweep & transfer into a
closed container .

Keep waste out of sewers .

METHOD FOR CLEANING UP : Scoop or sweep into a container for reuse or disposal.
Keep unnecessary person away .

SECTION 7 HANDLING AND STORAGE

Stored in cool dry place, keep container tightly closed .

Do not inhale the substance and avoid contact with the skin or eyes .

Wear protective clothing when handling open containers ; avoid environmental pollution
by handling the product carefully . Wash thoroughly after handling .

Use only with adequate ventilation .

SECTION 8

EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION : Local exhaust ventilation

Air purifying respirator

HAND PROTECTION : Rubber gloves

EYE PROTECTION : Safety goggles

SKIN PROTECTION : Impervious clothing

SECTION 9

PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE : Bright yellow . Uniform liquid

ODOUR : Some particular smelling

PH : 4.0 - 6.5

VISCOSITY : 6.5 - 11 cps

SPECIFIC GRAVITY : 1.06 - 1.09 (20 °C)

SURFACE TENSION : 38 - 46 mN/m

BOILING POINT : N/A

MELTING POINT : N/A

FLASH POINT : N/A

SOLUBILITY IN WATER : Not soluble but dispersible

VAPOUR DENSITY : N/A

VAPOUR PRESSURE : N/A

FLAMMABILITY : N/A

EXPLOSIVE PROPERTIES : N/A

OXIDISING PROPERTIES : N/A

SECTION 10

STABILITY & REACTIVITY

STABILITY AND REACTIVITY : Stable under normal condition of storage and use

HAZARDOUS REACTION : None

HAZARDOUS DECOMPOSITION : None

SECTION 11 TOXICOLOGICAL INFORMATION

ACTUAL ORAL TOXICITY : LD50(rat) : N/A

SKIN IRRITATION / RABBIT / DRAIZE TEST : N/A

IRRITATION OF MUCOUS/RABBIT EYES/ DRAIZE TEST : N/A

SECTION 12 ECOLOGICAL INFORMATION

BIODEGRADATION : N/A

FISH TOXICITY : N/A

SECTION 13 DISPOSAL CONSIDERATIONS

Ensure that disposal is in compliance with local, national regulations

SECTION 14 TRANSPORT INFORMATION

GGV IMDG CODE : None

ICAO/ IATA ~ DGR : Not restricted

UN No. : Not restricted

RID/ ADR : None

SECTION 15 INFORMATION OF REGULATIONS

N/A

SECTION 16 OTHER INFORMATION

N/A