SECTION

NAME

24 HOUR EMERGENCY ASSISTANCE

CHEMTREC 800-424-9300 Day 585-226-6177

Effective Date: MSDS No.:

AA0089-SET/6 March 6, 2008

89-SET/6

None established for mixtures contained in this kit

Effects of Overexposure

been thoroughly investigated. Specific data is not available. of our knowledge, the chemical, physical and toxicological properties have not May be harmful by inhalation and ingestion. May cause irritation. To the best None known. Target organs:

Emergency and First Aid Procedures

Fire Health

Reactivity * SIMH SEVERE 4

0 0 2

vomiting only if advised by appropriate medical personnel. Never give INGESTION: Call physician or Poison Control Center immediately. Induce

with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention. **SKIN**: Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is anything by mouth to an unconscious person. EYES: Check for and remove contact lenses. Flush thoroughly difficult, give oxygen. Get medical attention.

	Ottono oxidising page 1	Ctron	bility	Incompatibility
evaporation.		×	Stable	
Excessive temperature and heat to cause	Conditions to Avoid		Unstable	Stability
	REACTIVITY DATA	3 7	NV	SECTION V

Decomposition Products Hazardous Polymerization Hazardous probably emits toxic fumes of oxides of sulfur, nitrogen as well as Combustion will produce carbon dioxide and /or carbon monoxide and chlorine, bromine, ammonia

B) Xylene cyanol: (CAS No. 4463-44-9).. 0.05%, C) Orange G: (CAS No. 1936-15-8).. 0.35%, D) Crystal violet:

Sodium benzoate: (CAS No. 532-32-1).. 0.2% as preservative: A) Bromophenol blue: (CAS No. 62625-28-9).. 0.07% Kit contains set of 6 solutions in Water: (CAS No. 7732-18-5).. ~60%, Sucrose: (CAS No. 57-50-1).. 40%, and Principal Component(s)

C.A.S. No. Unit Size

Product is a kit

mL each Set of 6

SECTION I

NGREDIENTS OF MIXTURES

%

TLV Units

HAZARD RATING
MINIMAL SLIGHT N
0 1 NFPA

MODERATE 2

SERIOUS 3

Synonyms Product

NA

Agarose Dye Marker

Formula

Contains 6 solutions

(CAS No. 548-62-9).. 0.03%, E) Malachite Green HCl: (CAS No. 569-64-2).. 0.1%, F) Dye Mixture.

PHYSICAL DATA

May Occur Will Not Occur Conditions to Avoid Not applicable

SECTION VII SPILL OR LEAK PROCEDURES

material is released or spilled Steps to be taken in case

Vapor Density (Air=1) Vapor Pressure (mm Hg)

0.7 (water)

14 (water)

Boiling Point (°F) Melting Point (°F)

SECTION III

0°C (32°F) 100°C (212°F)

Percent Volatile by Volume (%) Evaporation Rate

Water =1)

Less than 1. ~60% Specific Gravity (H₂O = 1)

Approx. 1.0

Solubility in Water

Appearance & Odor

Variable liquids Soluble.

FIRE AND EXPLOSION HAZARD

DATA

Flammable Limits in Air

SECTION IV

Absorb with an inert dry material, sweep up and place in suitable container for disposal. Wash spill area with soap

Waste Disposal Method

Discharge, treatment, or disposal may be subject to Federal, State or Local laws.

These disposal guidelines are intended for the disposal of catalog-size quantities only.

Dispose of in accordance with all federal, state and local regulations

Respiration Protection (Specify Type) SECTION VIII None needed in normal laboratory handling. If misty conditions prevail, work in a ventilation nood or wear a NIOSH/MSHA-approved respirator. SPECIAL PROTECTION INFORMATION

Protective Gloves Local Exhaust Mechanical (General) Recommended Recommended. Eye Protection Other Special S Chemical safety glasses.

Other Protective Lab coat, apron, eye wash station, gloves

SECTION IX SPECIAL PRECAUTIONS Keep container tightly closed. Store in a cool, dry place away from strong

Precautions to be Taken in Handling & Storing

Keep container tightly closed when not in use oxidizing materials. Wash thoroughly after handling

Other Precautions Read label on container before using. Do not wear contact lenses when working with chemicals For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Avoid contact with skin, eyes and clothing. Avoid breathing spray mist. Remove and wash

The information contained hearh is furnished without warranty of any fund. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. • Hazardous Materials Industrial Standards. Printed on respoise paper. Revision No. 2 contaminated clothing Date 03/06/08 Approved James A. Bertsch JAB

EXPLOSION HAZARDS UNUSUAL FIRE AND

In fire conditions, water may evaporate from solutions which may

produce hazardous decomposition products.

SPECIAL FIREFIGHTING

Extinguisher (Method Used)

Use any media suitable for extinguishing supporting fire or surrounding fire

In fire condition, wear a NIOSH/MSHA-approved self-contained

breathing apparatus and full protective clothing.

Flash Point

Non-flammable

PROCEDURES

D.O.T. | NON-REGULATED.

Approved by U.S. Department of Labor 'essentially similar" to form OSHA-20