

Hardy Diagnostics

Safety Data Sheet

1. Product And Company Identification

1.1. Product identifiers

Product Name: **YM-11 Agar Base – CRITERION™ Dehydrated Culture Media**

Other Common Names: None

Catalog Number: C8890, C8891, C8892, C8893

1.2. Recommended use

Used for the cultivation of yeasts and molds.

1.3. Details of the supplier of this Safety Data Sheet

Company: Hardy Diagnostics
 1430 West McCoy Lane
 Santa Maria, CA 93455

Telephone: (805) 346-2766

(800) 266-2222

Emergency Phone: (800) 424-9300 ChemTrec (24hr service)


2. Hazards Identification

2.1. Classification of substance or mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS)

Carcinogenicity (Category 1), H350

2.2. GHS Label elements, including precautionary statements

Pictogram:	
Signal Word:	Danger
Hazard Statements:	
H350	May cause cancer.
Precautionary Statements:	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P280	Wear protective gloves and protective clothing.
P308+P313	IF exposed or concerned: Get medical attention.
P405	Store locked up.
P501	Dispose of contents or container at an approved waste disposal facility, according to applicable regulations.

2.3. Hazards not otherwise classified or not covered by GHS

No data available.

3. Composition/Information on Ingredients

3.1. Mixtures

Hazardous components:

Substance:	Concentration:	Hazard Information:
Trypan Blue (CAS# 72-57-1)	.5%	Carcinogenicity 1
Chloramphenicol (CAS# 56-75-7)	.15%	Carcinogenicity 1

4. First Aid Measures

4.1. Description of first aid measures

Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration and immediately seek medical attention.
Ingestion:	Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical advice.
Skin Contact:	Immediately wash thoroughly with soap and water. If irritation persists, consult a physician. Avoid touching contaminated clothing.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelids open. If irritation persists, consult a physician.

4.2. Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

5. Firefighting Measures

5.1. Extinguishing media

Water spray, carbon dioxide, dry chemical powder or appropriate foam.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

In the event of a fire, wear protective clothing and NIOSH-approved breathing apparatus necessary to prevent any possible irritation.

5.4. Further information

No data available.

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear chemical resistant gloves to avoid irritation.

Environmental precautions

No data available.

6.2. Methods and materials for containment and cleaning up

Wipe up with a damp sponge or mop. Avoid generating airborne dust.

6.3. Reference to other sections

For disposal, see section 13.

7. **Handling and Storage**

7.1. **Precautions for safe handling**

Wear appropriate personal protective equipment. Avoid breathing airborne powder. Handle all powders under a chemical hood or use a NIOSH/MSHA approved respirator.

CAUTION: High concentrations of airborne powder may be ignitable.

7.2. **Conditions for safe storage, including any incompatibilities**

Keep container tightly closed. Store in a cool dry place in accordance with specified storage conditions.

7.3. **Specific end uses**

Apart from uses mentioned in section 1.2, not other specific uses are stipulated.

8. **Exposure Controls/Personal Protection**

8.1. **Control parameters**

No data available.

8.2. **Appropriate engineering controls**

Safety shower and eye bath.

8.3. **Personal protective equipment**

Eye/Face:	Safety goggles.
Skin:	Chemical resistant gloves.
Respiratory:	NIOSH/MSHA – approved respirator.
Thermal Hazards:	None for normal use.

9. **Physical and Chemical Properties**

9.1. **Information on basic physical and chemical properties**

Appearance:	Physical State: Powder Color: Beige with a few blue specks
Odor:	Distinctive
Odor Threshold:	Not Determined
pH:	7.0 +/- 0.2
Melting/Freezing Point:	Not Determined
Boiling Point:	Not Determined
Flash Point:	Not Determined
Evaporation Rate:	Not Determined
Flammability:	Not Determined
Explosion Limits:	Not Determined
Vapor Pressure:	Not Determined
Vapor Density:	Not Determined
Relative Density:	Not Determined
Water Solubility:	Soluble
Partition coefficient (n-octanol/water):	Not Determined
Auto-ignition Temperature:	Not Determined
Decomposition Temperature:	Not Determined
Viscosity:	Not Determined
Explosive Properties:	Not Determined
Oxidizing Properties:	Not Determined

9.2. **Other safety information**

No data available.

10. Stability and Reactivity

Reactivity	No data available.
Chemical stability	This product is stable.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available.
Incompatible materials	Acids, acid chlorides, acid anhydrides, oxidizing agents.
Hazardous decomposition products	No dangerous decomposition products known.

11. Toxicological Information

11.1. **Information on toxicological effects**

Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity – single exposure	No data available
Specific target organ toxicity – repeated exposure	No data available
Aspiration Hazard	No data available
Additional information	No data available.

12. Ecological Information

Toxicity	Chloramphenicol: EC50 – Daphnia magna (water flea) – 345 mg/l – 48h
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	No data available
Other adverse effects	No data available

13. Disposal Considerations

13.1. **Waste disposal**

Dispose of in accordance with applicable state and federal regulations.
Disposal must be in accordance with regulations 40 CFR 261.

14. Transport Information

DOT hazard class	Not a DOT controlled material.
Shipping name	None
Identification number	None
Packing group	None

15. Regulations

Carcinogenicity	Yes/No
NTP:	Yes – Reasonably anticipated to be human carcinogen (Chloramphenicol) No (Trypan Blue)
IARC:	Yes – 2A – Group 2A: Probably carcinogenic to humans (Chloramphenicol) Yes – 2B – Group 2B: Possibly carcinogenic to humans (Trypan Blue)
OSHA:	Yes – Target Organ Effect, Carcinogen (Chloramphenicol) No (Trypan Blue)
California Prop 65:	No – Delisted January 4, 2013 (Chloramphenicol) No (Trypan Blue)
IATA	No

16. Other Information

The above information, to the best of our knowledge, is accurate. Hardy Diagnostics assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.

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