

MATERIAL SAFETY DATA SHEET

PAGE #: 1 OF 4

PRODUCT NAME: R-270 Starch Indicator Solution

MSDS NUMBER: 121601R270

PRODUCT CODE: TEST REAGENT

MSDS DATE: 12/16/2001

KEY NUMBER: R-270

EMERGENCY PHONE #'s: (800) 255-3924 (ChemTel)



Advanced Chemical Technology, Inc.

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Web: <http://www.actglobal.net> Email: act@actglobal.net

HEALTH	0	Normal material
FIRE	0	Will Not Burn
REACTIVITY	0	Stable
SPECIFIC		-

1. IDENTIFICATION

See Addendum: Ref. PAGE:

Chemical Name: Starch Indicator Solution

Chemical Family: Test Reagent

CAS #: Mixture

Chemical Formula: Mixture

CAS Name: Mixture

Molecular Weight: Mixture

Synonyms / Common Name: Starch Indicator

DOT Information: Non-regulated

2. PHYSICAL DATA

See Addendum: Ref. PAGE:

Appearance: White Liquid

Color: White

State: Liquid

Odor Characteristics: None

pH: 6.5

Viscosity: ND

Specific Gravity (Water = 1): 1.000

Vapor Density (Air = 1): NA

Vapor Pressure: 23.75

Melting Point: ND

Boiling Point: 212 °F

Flash Point: None

Freezing Point: ND

Percent Volatility: ND

Evaporation Rate (BAc = 1): 1

Solubility in Water: Complete

Solubility in Oil: ND

Solubility in Acetone: ND

3. INGREDIENTS

See Addendum: Ref. PAGE:

Material / Components	CAS #:	CAS Name	TLV Units	Approx. %
Starch solution	NA	NA	NE	

4. FIRE AND EXPLOSION HAZARD DATA

See Addendum: Ref. PAGE:

Flash Point: None

Flammable Limits in Air % by volume: Lower NA
Upper NA

Extinguishing Media: Water, foam, dry chemical, or carbon dioxide for fires in storage area

Special Fire Fighting Procedures: Keep containers cool with water spray

Unusual Fire & Explosion Hazards: None known

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5. HEALTH HAZARD DATA See Addendum:

PAGE #:

Threshold Limit Value: NE

Effects of Overexposure:

Inhalation: Not known

Skin Contact: May cause slight irritation with prolonged contact

Eye Contact: May cause slight eye irritation

Ingestion: May cause nausea and diarrhea

Delayed Effects: Not known

Medical Conditions Aggravated by Exposure: Not known

6. FIRST AID MEASURES See Addendum:

PAGE #:

Inhalation: If breathing stops, give artificial respiration. Call a physician immediately.

Skin Contact: Wash with soap and water

Eye Contact: Flush with water for 15 minutes and obtain medical attention.

Ingestion: Drink small amounts of water for dilution and obtain medical attention.

NOTES TO PHYSICIAN: None

7. REACTIVITY DATA See Addendum:

PAGE #:

Stability: Stable

Incompatibility: Strong oxidizers
(materials to avoid)

Hazardous Combustion or Decomposition Products: Not known

Hazardous Polymerization: Will not occur

Conditions to Avoid: Do not mix with other industrial chemicals.

8. SPILL OR LEAK PROCEDURES See Addendum:

PAGE #: 4

Actions to take for Leaks & Spills: For small spills, flush to sanitary sewer. For large spills, squeegee and collect or vacuum spillage and place in containers for reuse or disposal. Flush spill area with water

Waste Disposal Method: Use D.O.T. approved containers for waste disposal. Dispose of all waste according to Federal, State, and Local regulations.



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9. SPECIAL PROTECTION INFORMATION

See Addendum:

Ref. PAGE:

Respiratory Protection: Not normally required

Eye Protection: Chemical goggles and face shield

Skin Protection: Rubber gloves

Other Clothing: Rubber apron and protective clothes

Other Equipment: Eye wash station recommended

Engineering Controls: Normal

10. HANDLING AND STORAGE

See Addendum:

Ref. PAGE:

Special Precautions: Wash thoroughly after handling

Other Precautions: None

11. REGULATORY INFORMATION

See Addendum:

Ref. PAGE: 4

Workplace Classification: ND

12. TOXICOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Acute Data: None

Reproductive /
Teratology Data: None

13. ECOLOGICAL INFORMATION

See Addendum:

Ref. PAGE:

Fate in the Environment: ND

14. DISPOSAL CONDITIONS

See Addendum:

Ref. PAGE:

Procedures: Small quantities may be flushed to the sanitary sewer. Use D.O.T. approved containers for waste disposal. Dispose of all waste according to Federal, State, and Local regulations.

15. TRANSPORTATION INFORMATION

See Addendum:

Ref. PAGE:

DOT Classification: Not regulated

Warning Labels: None



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ADDENDUM for Section - 8. SPILL OR LEAK PROCEDURES - Ref. Pg. 2

Under the Resource Conservation and Recovery Act (RCRA), it is the responsibility of the user to determine whether a substance should be classified as a hazardous waste at the time of disposal. This is due to the fact that product use, transformation, synthesis, mixtures, etc. may change the nature of the product.

ADDENDUM for Section - 11. REGULATORY INFORMATION - Ref. Pg. 3

SARA/TITLE III - SECTION 304 EMERGENCY NOTIFICATION REPORTING

This product does not contain a Section 304 listed hazardous substance for emergency release notification

SARA/TITLE III - SECTION 313 TOXIC CHEMICAL RELEASE REPORTING

This product does not contain a Section 313 listed toxic chemical subject to release reporting requirements.

TSCA INVENTORY STATUS

All chemical components are listed on TSCA inventory

CALIFORNIA PROPOSITION 65 STATUS

This product does not contain chemicals currently on the California list of known carcinogens and/or reproductive toxins.

ADDENDUM for Section - Other Information

NA = Not Applicable
ND = Not Determined
NE = Not Established

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