

World Headquarters
Hach Company
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(970) 669-3050

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Date Printed 8/30/16
MSDS No:

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: TEST STRIP, AMMONIA SET W/ BTL/25
Catalog Number: 2755325

Hach Company
P.O.Box 389
Loveland, CO USA 80539
(970) 669-3050

Emergency Telephone Numbers:
(Medical and Transportation)
(303) 623-5716 24 Hour Service
(515)232-2533 8am - 4pm CST

MSDS Number:
Chemical Name: Not applicable
TSCA CAS Number: Not applicable
Alternate CAS No. (for hydrated forms):
Chemical Formula: Not applicable
Chemical Family: Not applicable
Intended Use: Analytical reagent

2. HAZARDS IDENTIFICATION

GHS Classification:
Hazard categories:
GHS Label Elements:
Hazard statements:
Precautionary statements:
HMIS:
Health: 0
Flammability: 0
Reactivity: 0
Protective Equipment: Not applicable
NFPA:
Health: 0
Flammability: 0
Reactivity: 0
Symbol: None
WHMIS Hazard Classification:
WHMIS Symbols:

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components per Regulation (EC) No. 1272/2008:

Test Strips

TSCA CAS Number: Not applicable
Chemical Formula: Not applicable
GHS Classification:
Percent Range: Test strip with chemically treated pads
Percent Range Units: weight / weight
PEL: Not applicable
TLV: Not applicable

WHMIS Symbols:

4. FIRST AID

General Information:

Advice to doctor:

Eye Contact: Not applicable

Skin Contact (First Aid): Not applicable

Inhalation: Not applicable

Ingestion (First Aid): Not applicable

5. FIRE FIGHTING MEASURES

Flammable Properties: Can burn in fire, releasing toxic vapors.

Fire Fighting Instruction: Evacuate area and fight fire from a safe distance. As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

Extinguishing Media: Use media appropriate to surrounding fire conditions

Extinguishing Media NOT To Be Used: Not applicable

Fire / Explosion Hazards: Not applicable

Hazardous Combustion Products: carbon monoxide, carbon dioxide. chromium oxides silver oxides zinc oxide

6. ACCIDENTAL RELEASE MEASURES

Spill Response Notice:

Only persons properly qualified to respond to an emergency involving hazardous substances may respond to a spill according to federal regulations (OSHA 29 CFR 1910.120(a)(v)) and per your company's emergency response plan and guidelines/procedures. See Section 13, Special Instructions for disposal assistance.

Containment Technique: Not applicable

Clean-up Technique: Not applicable

Evacuation Procedure: Not applicable

DOT Emergency Response Guide Number:

7. HANDLING / STORAGE

Handling: Maintain general industrial hygiene practices when using this product.

Storage: Keep material dry.

Flammability Class: Not applicable

8. EXPOSURE CONTROLS / PROTECTIVE EQUIPMENT

Engineering Controls: Maintain general industrial hygiene practices when using this product.

Personal Protective Equipment:

Eye Protection: Not applicable

Skin Protection: Not applicable

Inhalation Protection: Not applicable

Precautionary Measures: Not applicable

TLV: Not applicable

PEL: Not applicable

For Occupational Exposure Limits (OEL) for ingredients, see section 3 - Composition/Information on Ingredients.:

9. PHYSICAL / CHEMICAL PROPERTIES

Appearance: Test Strip

Physical State: Solid

Molecular Weight: Not applicable

Odor: None

Odor Threshold:

pH: Not applicable

Metal Corrosivity:

Corrosivity Classification:

Steel:

Aluminum:

Specific Gravity/ Relative Density (water = 1; air = 1): Not applicable

Viscosity:

Solubility:

Water: Not applicable

Acid: Not applicable

Other: Not applicable

Partition Coefficient (n-octanol / water): Not applicable

Coefficient of Water / Oil: Not applicable

Melting Point: Not applicable

Decomposition Temperature:

Boiling Point: Not applicable

Vapor Pressure: Not applicable

Vapor Density (air = 1): Not applicable

Evaporation Rate (water = 1): Not applicable

Volatile Organic Compounds Content: Not applicable

Flammable Properties: Can burn in fire, releasing toxic vapors.

Flash Point: Not applicable

Method: Not applicable

Flammability Limits:

Lower Explosion Limits: Not applicable

Upper Explosion Limits: Not applicable

Autoignition Temperature: Not applicable

Explosive Properties:

Oxidizing Properties:

Reactivity Properties:

Gas under Pressure:

Not classified according to GHS

10. STABILITY / REACTIVITY

Chemical Stability: Stable when stored under proper conditions.

Mechanical Impact:

Static Discharge:

Reactivity / Incompatibility: Not applicable

Hazardous Decomposition: Not applicable

Conditions to Avoid: Excess moisture

11. TOXICOLOGICAL INFORMATION

Toxicokinetics, Metabolism and Distribution:

Toxicologically Synergistic Products: None reported

Acute Toxicity:

Specific Target Organ Toxicity - Single Exposure (STOT-SE):

Specific Target Organ Toxicity - Repeat Exposure (STOT-RE):

Skin Corrosion/Irritation:

Eye Damage:

Sensitization:

Carcinogenic, Mutagenic or Reproductive Toxin Effects:

Symptoms/Effects:

Ingestion (EC):

Inhalation (EC):

Skin Absorption (EC):

Chronic Effects: No effects anticipated

Medical Conditions Aggravated: None reported

12. ECOLOGICAL INFORMATION

Product Ecological Information: --

No ecological data available for this product.

Ingredient Ecological Information: --

Ecological data for ingredients is not indicative of likely ecological harm.

13. DISPOSAL CONSIDERATIONS

EPA Waste ID Number:

Special Instructions (Disposal):

Empty Containers: Not applicable

NOTICE (Disposal): Not applicable

14. TRANSPORT INFORMATION

D.O.T.:

D.O.T. Proper Shipping Name: Not Currently Regulated

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DOT Hazard Class: NA

DOT Subsidiary Risk: NA

DOT ID Number: NA

DOT Packing Group: NA

T.D.G.:

T.D.G. Proper Shipping Name: Not Currently Regulated

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T.D.G. Hazard Class: NA

T.D.G. Subsidiary Risk: NA

PIN: NA

Group: NA

I.C.A.O.:

I.C.A.O. Proper Shipping Name: Not Currently Regulated

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ICAO Hazard Class: NA

ICAO Subsidiary Risk: NA

ICAO ID Number: NA

ICAO Packing Group: NA

I.M.O.:

I.M.O. Proper Shipping Name: Not Currently Regulated

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I.M.O. Hazard Class: NA

I.M.O. Subsidiary Risk: NA

I.M.O. ID Number: NA

I.M.O. Packing Group: NA

Marine Pollutant:

Additional Information:

15. REGULATORY INFORMATION

U.S. Federal Regulations:

O.S.H.A.: This product is an "Article" as defined in the Hazard Communication Standard (29 CFR. 1910.1200)

E.P.A.:

S.A.R.A. Title III Section 311/312 Categorization (40 CFR 370): This product is not hazardous under 29 CFR.1910.1200 and therefore is not covered by Title III under SARA.

S.A.R.A. Title III Section 313 (40 CFR 372): This product does NOT contain any chemical subject to the reporting requirements of Section 313 of Title III of SARA.

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302 (EHS) TPQ (40 CFR 355): Not applicable
304 CERCLA RQ (40 CFR 302.4): Not applicable
304 EHS RQ (40 CFR 355): Not applicable
Clean Water Act (40 CFR 116.4): Not applicable
RCRA: Contains no RCRA regulated substances.

State Regulations:

California Prop. 65: No Prop. 65 listed chemicals are present in this product.

Identification of Prop. 65 Ingredient(s): None

California Perchlorate Rule CCR Title 22 Chap 33: Not applicable

Trade Secret Registry:

National Inventories:

U.S. Inventory Status: All ingredients in this product are listed on the TSCA 8(b) Inventory (40 CFR 710).

TSCA CAS Number: Not applicable

Canadian Inventory Status: All ingredients of this product are DSL Listed.

EEC Inventory Status: All ingredients used to make this product are listed on EINECS / ELINCS.

Australian Inventory Status:

New Zealand (ERMA) Inventory Status:

Korean (TCCL) Inventory Status:

Japan (CHRI) Inventory Status:

China (PRC) Inventory Status:

16. OTHER INFORMATION

References: In-house information.

Complete Text of H phrases referred to in Section 3:

Revision Summary: New MSDS Substantial revision to comply with EU Reg 1272/2008, Reg 1907/2006 and UN GHS (ST/SG/AC.10/36/Add.3).

Date of MSDS Preparation:

Day: 22

Month: September

Year: 2014

MSDS Prepared: MSDS prepared by Product Compliance Department extension 3350

CCOHS Evaluation Note:

WHMIS Evaluation Note:

Legend:

NA - Not Applicable	w/w - weight/weight
ND - Not Determined	w/v - weight/volume
NV - Not Available	v/v - volume/volume

USER RESPONSIBILITY: Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations.

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF.

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