SAFETY DATA SHEET

Conforms to regulation (EC) no. EU 453/2010

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name: Hydromount **Product Number:** HS-106

1.2 Relevant Identified Uses of the Substance/Mixture and Uses Advised Against

Investigational research by professional users

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer
National Diagnostics
305 Patton Drive
Atlanta, GA 30036
(404) 699-2121
(800) 526-3867
info@nationaldiagnostics.com

1.4 Emergency Telephone Number

ChemTel Inc.
Contract number MIS8894340
1-800 255-3924 (United States, Canada, Puerto Rico & US Virgin Islands)
01-800-099-0731 (Mexico)
400-120-0751 (China)
000-800-100-4086 (India)
1-300-954-583 (Australia)
0-800-591-6042 (Brazil)
+1-813-255-3924 (All other regions)

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Not a hazardous substance or mixture according to regulation (EC) No. 1272/2008.

2.2 Label Elements

This product has no labeling elements associated with EC directives or respective national laws.

2.3 Other Hazards

None found.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Chemical Names/Description
Aqueous mounting medium.

Component List

Component	% Comp.	CAS #	EC #	1278/2008 Classification
Proprietary Polymer	20 - 30			N.A.

SECTION 4 - FIRST AID MEASURES

4.1 Description of First Aid Measures

Inhalation
Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion
Not expected to require first aid measures.

Skin
Wash exposed area with soap and water. Get medical advice if irritation develops.

Eyes
Wash thoroughly with running water. Get medical advice if irritation develops.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Inhalation
Symptoms of irritation may include tears in the eyes with itching, redness, burning pain in throat and nose.

Ingestion
Not expected to be a health hazard via ingestion.

Skin
Not expected to be a health hazard from skin exposure.

Eyes
Itching, pain, redness.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed
Unknown/not applicable

SECTION 5 - FIRE FIGHTING MEASURES
5.1 Extinguishing media
Use media appropriate to the primary cause of fire.

5.2 Special Hazards Arising from the Substance/Mixture
Hazardous Combustion Products
Thermal decomposition products may include toxic oxides of nitrogen and carbon.

Hazardous Decomposition Products
Complete combustion of polymer will emit carbon dioxide and water when heated to decomposition. Incomplete combustion gives in addition carbon monoxide and oxidation products, including organic acids

Hazardous Polymerization
Will not occur under normal conditions of use (See Sections 10.4 & 10.5).

5.3 Advice for Firefighters
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

5.4 Further Information
No data available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES
6.1 Personal Precautions
Wear appropriate protective equipment as specified in Section 8.

6.2 Environmental Precautions
Prevent discharge into the environment. Dike spills and stop leakage where practical. Do not allow material to enter drains.

6.3 Methods and Materials for Containment and Cleaning Up
Use absorbent material to collect and contain for salvage or disposal.

6.4 References to Other Sections
For disposal information, see Section 13. For protective clothing and equipment, see Section 8.

SECTION 7 - HANDLING AND STORAGE
7.1 Precautions for Safe Handling
Avoid contact and inhalation. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

7.2 Conditions for Safe Storage (including any incompatibles)
Keep in a tightly closed container, stored in a cooled, dry, ventilated area.

Incompatibles
Strong oxidizers.

7.3 Specific End Uses
Investigational research by professional users

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PRECAUTIONS
8.1 Control Parameters
ACGIH Threshold Limit Value (TLV): 5 mg/m3
OSHA Permissible Exposure Limit (PEL): 5 mg/m3

8.2 Exposure Controls
Engineering Controls
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust

ventilation is generally preferred because it can control the emissions of the contaminant at its source.

Respiratory Protection
For conditions of use where exposure to the dust or mist is apparent, a full-face dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

Eye Protection
Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Skin Protection
Wear protective gloves and clean body covering clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on Basic Physical & Chemical Properties

a. Appearance	Clear, colorless liquid	**b. Odor**	None
c. Odor Threshold	N.A.	**d. pH**	8.3
e. Melting/Freezing Point (^{o}C)	0	**f. Boiling point (^{o}C)**	105
g. Flash Point (^{o}C)	N.A.	**h. Evaporation Rate**	1.0 (H2O = 1)
i. Flammability	N.A.	**j. Upper/Lower Flammability or Explosive Limits**	N.A.
k. Vapor Pressure	N.A.	**l. Vapor Density (Air = 1)**	N.A.
m. Relative Density	No information.	**n. Water Solubility**	Soluble
o. Partition Coefficient n-octanol/water	Mixture	**p. Autoignition Temperature (^{o}C)**	N.A.
q. Decomposition Temperature (^{o}C)	N.A.	**r. Viscosity**	No data available.
s. Explosive Properties	N.A.	**t. Oxidizing Properties**	N.A.

SECTION 10 - STABILITY AND REACTIVITY
10.1 Reactivity
Not reactive under normal conditions of use and storage.

10.2 Chemical Stability
Stable under ordinary conditions of use and storage.

10.3 Possibility of Hazardous Reactions
Will not occur under normal conditions of use (See Sections 10.4 & 10.5).

10.4 Conditions to Avoid
Incompatibles

10.5 Incompatible Materials
Strong oxidizers.

10.6 Hazardous Decomposition Products
Complete combustion of polymer will emit carbon dioxide and water when heated to decomposition. Incomplete combustion gives in addition carbon monoxide and oxidation products, including organic acids

SECTION 11 - TOXICOLOGICAL INFORMATION
Product LD50 Values
Oral Rat LD50 (mg/kg)
> 100 gm/kg

Dermal Rabbit LD50 (mg/kg)
No data

Component Cancer List Status

	NTP Carcinogen		
	Known	**Anticipated**	**IARC Category**
Proprietary Polymer	No	No	3

Potential Health Effects
Inhalation
Dust may be formed under certain conditions where water solvent has evaporated. Treat as a nuisance dust. When heated above 200C, fumes irritating to the eyes, nose, and throat will be evolved.

Ingestion

Not expected to be a health hazard via ingestion.

Skin
Not expected to be a health hazard from skin exposure.

Eyes
Mechanical irritation only.

Carcinogenicity
Not listed as a known or anticipated human carcinogen by NTP or OSHA. IARC lists this substance as category 3, unclassifiable as to its carcinogenicity in humans.

Mutagenicity
No information found.

Reproductive Toxicity
No information found.

Teratogenic Effects
No information found.

Routes of Entry
No information found.

Target Organ Statement
No information found.

SECTION 12 - ECOLOGICAL INFOMATION

12.1 Toxicity

	Vertebrates	Invertebrates	Algae	Microorganisms
Aquatic Toxicity (ppm unless otherwise noted)	No data	No data	No data	No data

	Birds	Arthropods	Plants	Microorganisms
Terrestrial Environment Toxicity (ppm unless otherwise noted)	No data	No data	No data	No data

12.2 Persistence and Degradability
No data

12.3 Bioaccumulative Potential
No data

12.4 Mobility in Soil
No data

12.5 Results of PBT and vPvB Assessment
No data

12.6 Other Adverse Effects
None

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods
Offer surplus or non-recyclable product to licensed disposal company. Disposal is subject to user compliance with applicable law and product characteristics at time of disposal. Dispose of packaging as product.

SECTION 14 - TRANSPORT INFORMATION

	ADR/RID	IATA	IMO	DOT
14.1 UN Number	N.A.	N.A.	N.A.	N.A.
14.2 Shipping Name	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.3 Hazard Class	N.A.	N.A.	N.A.	N.A.
14.4 Packing Group	N.A.	N.A.	N.A.	N.A.
14.5 Environmental Hazards	N.A.	N.A.	N.A.	N.A.
14.6 Special Precautions	N.A.	N.A.	N.A.	N.A.

SECTION 15 - REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance/Mixture

United States

TSCA Regulatory Statement

All intentional ingredients are listed on the TSCA Inventory.

SARA 311/312 Hazard Categories

Component	Fire	Pressure	Reactivity	Acute	Chronic
Proprietary Polymer	Yes	No	No	No	No

Europe

EEC Regulatory

All intentional ingredients are listed on the European EINECS Inventory.

SECTION 16 - OTHER INFORMATION

Revisional Updates

4/26/2019 - Updated Section 1.4
5/29/2015 - Updated Sections 2.1 and 3.2
8/29/2013- Released Version 1.0

NFPA Codes

Health 0 **Flammability** 0 **Reactivity** 0

Dangers

Proprietary Polymer

None

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