



## Safety Data Sheet (SDS)

Revision / Review Date: 6/16/15

### 1. Chemical Product and Company Identification

Product Name:	NATSYN 2200
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Not available
Molecular Formula:	Not available
Molecular Weight via GPC, Mn:	Not available
Product Use:	Synthetic Polymers
OSHA Status:	Non Hazardous
CAS No:	9003-31-0

For emergency health, safety, and environmental information, calls 330-920-8023

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

### 2. Hazard(s) Identification

<u>OSHA Regulatory Status:</u>	This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
<u>Signal Word:</u>	None.
<u>Hazardous Statement:</u>	None.
<u>Emergency overview:</u>	The product contains no substances which at their given concentration, are considered to be hazardous to health.
<u>Hazards not otherwise classified (HNOC):</u>	Not applicable.
<u>Other hazards:</u>	0% of the mixture consists of ingredient(s) of unknown toxicity.
<u>Signs and Symptoms of Exposure:</u>	Not available.
<u>Primary Routes of Entry:</u>	Not available.
<u>Medical Conditions Generally Aggravated by Exposure:</u>	None known.
<u>Eye Contact:</u>	May cause irritation.
<u>Skin Contact:</u>	May cause irritation.
<u>Ingestion:</u>	Ingestion may cause irritation to mucous membranes.

Inhalation: May cause irritation of respiratory tract.

Indication of any immediate medical attention and special treatment needed:

Symptoms: No information available.

Indication of any immediate medical attention and special treatment needed:

Note to physicians: Treat symptomatically.

NFPA Hazard Ratings: Health- 0, Flammability - 1, Stability-0

HMIS Hazard Ratings: Health- 0, Flammability - 1, Physical Hazard-0

HMIS limitation statement: The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product. All of the information contained in the SDS should be consulted to assist with the safe handling of this material.

Principal Hazardous Components:

CAS No. & CHEMICAL	ACGIH (TLV-TWA)	OSHA (PEL-TWA)
POLYISOPRENE	Not established	Not established

### 3. Composition / Information on Ingredients

Chemical Name	CAS No	Weight-%
1,3-Butadiene, 2-methyl-, homopolymer	9003-31-0	100

### 4. First Aid Measures

Inhalation: Move to fresh air in case of accidental inhalation of vapors or decomposition products.

Eyes: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

Skin: Wash with soap and water.

Ingestion: Not an expected route of exposure. Clean mouth with water and drink afterwards plenty of water. Drink plenty of water.

### 5. Fire-Fighting Measures

Suitable Extinguishing Media: Water Spray, Dry Chemical, Carbon Dioxide CO<sub>2</sub>, Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: None.

<u>Special Fire Fighting Procedures:</u>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<u>Hazardous Combustion Products:</u>	Carbon oxides.
<u>Unusual fire and explosion hazards:</u>	None known.
<u>Explosion data:</u>	
<u>Sensitivity to Mechanical Impact:</u>	None.
<u>Sensitivity to Static Discharge:</u>	None

## **6. Accidental Release Measures**

<u>Steps to be taken in case material is spilled:</u>	Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.
<u>Environmental Disposal Information:</u>	Do not let material enter the water ways.
<u>Waste Disposal:</u>	Reclaim or dispose of in accordance with local, state, and federal regulations.

## **7. Handling and Storage:**

<u>Empty Containers:</u>	Not available.
<u>Precautions to be taken in handling:</u>	Use personal protection recommended in Section 8. Use with local exhaust ventilation.
<u>Storage:</u>	Store at room temperature. Keep in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs.
<u>Incompatible Materials:</u>	None known.

## **8. Exposure Controls / Personal Protection**

<u>Exposure Guidelines:</u>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<u>Respiratory Protection:</u>	No protective equipment is needed under normal use conditions. In case of insufficient ventilation wear suitable respiratory equipment.
<u>Ventilation:</u>	When this material is heated, provide enough fresh air and/or exhaust to remove the hot processing fumes from the work

area. Observe the Occupational Exposure Limit of 3 mg/m<sup>3</sup> (Threshold Limit Value - 8 hour time weighted average) for insoluble respirable particulates, not otherwise classified (fumes).

Hand Protection:

Wear gloves.

Eye Protection:

Wear safety glasses with side shields or goggles.

Skin and Body Protection:

Suitable protective clothing.

General Hygiene Consideration:

Do not eat, drink or smoke when using this product.

Engineering Controls:

Showers, Eye washing facilities, Ventilation system.

### 9. Physical and Chemical Properties

Physical Form:

Solid

Appearance & Odor:

Brown / Slight

Specific Gravity:

Not available.

VOC Content (%):

0.5

Softening Point, R&B:

Not available.

Solubility in Water:

Not available.

Flash Point, TAG CC F:

Not available.

Percent Volatiles (by weight):

Not available.

Evaporation Rate (Water ~ 1):

Not available.

Vapor Pressure (mm Hg):

Not available.

Vapor Density (Air ~ 1):

Not available.

Boiling Point (°F) Initial:

Not available.

Auto ignition Temperature, °C:

Not available.

Flammable Limits, %(V):

Not available.

### 10. Stability and Reactivity

Stability:

This product is stable under normal conditions.

Incompatibility (Materials to Avoid):

None known.

Conditions to Avoid:

To avoid thermal decomposition, do not overheat.

Hazardous Polymerization:

Hazardous polymerization will not occur.

Hazardous Decomposition Products:

Carbon oxides.

### **11. Toxicological Information**

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

OSHA Permissible Exposure Limit:

Not available.

ACGIH Threshold Limit Value:

Not available.

Product information:

Product does not present an acute toxicity hazard based on known or supplied information

Information on toxicological effects:

Symptoms:

None known.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Sensitization:

No information available.

Germ cell mutagenicity:

No information available.

Carcinogenicity:

No information available.

Reproductive toxicity:

No information available.

STOT - single exposure:

No information available.

STOT - repeated exposure:

No information available.

Aspiration hazard:

No information available.

Unknown Acute Toxicity:

0% of the mixture consists of ingredient(s) of unknown toxicity.

### **12. Ecological Information**

Eco toxicity:

None known.

Bioaccumulation:

No information available.

Mobility:

No information available.

Persistence and degradability:

No information available.

Other adverse effects:

No information available.

### **13. Disposal Considerations**

Disposal of wastes:

This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261).

Contaminated packaging:

Do not reuse container.

#### 14. Transport Information

D.O.T. Shipping Name:

Not regulated.

Air - ICAO (international Civil Aviation Organization):

Not regulated in non-bulk packaging.

TDG:

Not regulated.

MEX:

Not regulated.

Sea - IMDG (International Maritime Dangerous Goods):

Not regulated.

#### 15. Regulatory Information

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

##### International Inventories:

Component	TSCA	DSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
1,3-Butadiene, 2-methyl-, homopolymer 9003-31-0 ( 100 )	X	X	X	X	X	X	X	X	X

##### Legend:

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

##### U.S. Federal Regulations:

SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories:

Acute health hazard: No  
Chronic Health Hazard: No  
Fire hazard: No  
Sudden release of pressure hazard: No  
Reactive Hazard: No

CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations:**

California Proposition 65:

This product does not contain any Proposition 65 chemicals.

US State Right-to-Know Regulations:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
1,3-Butadiene, 2-methyl-, homopolymer 9003-31-0	X		

Mexico – Grade:

No information available.

Canada:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class:

Non-controlled.

**16. Other Information**

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the user's responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.