

# Safety Data Sheet: MRX-70

Supersedes Date 02/05/2014

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** MRX-70  
**Recommended use** Cleaning agent  
**Information on Manufacturer**  
CHEMSEARCH DIV. OF NCH CORP.  
BOX 152170  
IRVING, TX 75015

**Product Code** 0174  
**Chemical nature** Mixture  
**Emergency Telephone**  
CHEMTREC® 800-424-9300  
**Telephone inquiry**  
972-579-2477

## 2. HAZARD IDENTIFICATION

**Color** Light blue

**Physical state** Liquid

**Odor** Odorless

### GHS

#### Classification

##### Physical Hazards

None

##### Health Hazard

None

##### Other hazards

None

#### Labeling

##### Signal Word

Not classified

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

## 4. FIRST AID MEASURES

<b>General advice</b>	Avoid contact with skin, eyes and clothing.
<b>Eye Contact</b>	No hazards which require special first aid measures.
<b>Skin Contact</b>	No hazards which require special first aid measures.
<b>Inhalation</b>	No hazards which require special first aid measures.
<b>Ingestion</b>	No hazards which require special first aid measures.
<b>Notes to physician</b>	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Flash Point** Does not flash      **Method** No data available  
**Flammability Limits in Air %:** No information available.      **Upper:** No data available      **Lower:** No data available

#### Suitable Extinguishing Media

Water spray. Carbon dioxide (CO<sub>2</sub>). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Specific hazards arising from the chemical

Material can create slippery conditions.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.

<b>NFPA</b>	<b>Health</b> 0	<b>Flammability</b> 0	<b>Instability</b> 0
<b>HMIS -</b>	<b>Health</b> 0	<b>Flammability</b> 0	<b>Instability</b> 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

**Environmental precautions** Do not flush into surface water or sanitary sewer system.

<b>Methods for Containment</b>	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
<b>Methods for Cleaning Up</b>	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
<b>Neutralizing Agent</b>	Not applicable.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Avoid contact with skin, eyes and clothing.			
<b>Storage</b>	Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.			
<b>Storage Temperature</b>	<b>Minimum</b>	36 °F / 2 °C	<b>Maximum</b>	120 °F / 49 °C
<b>Storage Conditions</b>	<b>Indoor</b>	X	<b>Outdoor</b>	<b>Heated</b>
				<b>Refrigerated</b>

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Guidelines</b>	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.
<b>Personal Protective Equipment</b>	
<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin Protection</b>	For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.
<b>Respiratory Protection</b>	In case of insufficient ventilation wear suitable respiratory equipment.
<b>General Hygiene Considerations</b>	Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid	<b>Viscosity</b>	Slightly Viscous
<b>Color</b>	Light blue	<b>Odor</b>	Odorless
<b>Odor Threshold</b>	Not applicable	<b>Appearance</b>	Transparent - Slightly hazy
<b>pH</b>	7.9	<b>Specific Gravity</b>	1.012
<b>Bulk Density (lb/cu ft)</b>	8.44	<b>Evaporation Rate</b>	Not applicable
<b>Percent Volatile (Volume)</b>	98.7	<b>VOC Content (%)</b>	0.024
<b>VOC Content (g/L)</b>	0.2	<b>Vapor Pressure</b>	17.29 mmHg @ 70°F
<b>Vapor Density</b>	0.6	<b>Solubility</b>	Completely soluble
<b>n-Octanol/Water Partition</b>	No data available	<b>Melting Point/Range</b>	No data available
<b>Decomposition Temperature</b>	No data available	<b>Boiling Point/Range</b>	219 °F / 104 °C
<b>Flammability (solid, gas)</b>	No data available		
<b>Flash Point</b>	Does not flash	<b>Method</b>	No data available
<b>Autoignition Temperature</b>	No information available.		
<b>Flammability Limits in Air %:</b>	No information available.	<b>Upper:</b>	No data available
		<b>Lower:</b>	No data available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Keep away from open flames, hot surfaces, and sources of ignition, Extremes of temperature and direct sunlight.
<b>Incompatible Products</b>	Strong oxidizing agents.
<b>Decomposition Temperature</b>	No data available
<b>Hazardous Decomposition Products</b>	Carbon oxides.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.

## 11. TOXICOLOGICAL INFORMATION

<b>Product Information</b>	No information available.
<b>The following values are calculated based on chapter 3.1 of the GHS document</b>	
<b>Oral LD50</b>	No information available
<b>Dermal LD50</b>	No information available
<b>Inhalation LC50</b>	
<b>Gas</b>	No information available
<b>Mist</b>	No information available
<b>Vapor</b>	No information available
<b>Principle Route of Exposure</b>	Skin contact, Eye contact.

<b>Primary Routes of Entry</b>	None known.
<b>Acute Effects:</b>	
<b>Eyes</b>	Low hazard for usual industrial or commercial handling.
<b>Skin</b>	Low hazard for usual industrial or commercial handling.
<b>Inhalation</b>	Low hazard for usual industrial or commercial handling.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Chronic Toxicity:</b>	None known.
<b>Target Organ Effects:</b>	None known.
<b>Aggravated Medical Conditions</b>	None known.
Component Information	
<b>Acute Toxicity</b>	No information available.
<b>Chronic Toxicity</b>	No information available.
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.

## 12. ECOLOGICAL INFORMATION

Product Information	No information available.
Component Information	No information available.
<b>Persistence and Degradability</b>	No information available.
<b>Bioaccumulation</b>	No information available.
<b>Mobility</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

<b>Product Disposal</b>	Dispose of in accordance with local regulations.
<b>Container Disposal</b>	Empty containers should be taken for local recycling, recovery, or waste disposal. Do not re-use empty containers.

## 14. TRANSPORT INFORMATION

<b>DOT</b>	Not regulated
<b>TDG</b>	Not regulated
<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

## 15. REGULATORY INFORMATION

<b>Inventories</b>	
<b>TSCA</b>	Complies
<b>DSL</b>	Complies
<b>U.S. Federal Regulations</b>	

### 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 Hazardous Categorization

See Section 2

### CERCLA

## 16. OTHER INFORMATION

<b>Prepared By</b>	Pamela Starkey
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<b>Glossary</b>	No information available.
<b>List of References.</b>	No information available.

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