

## HYGIENIC HARD SURFACE CLEANER CONCENTRATE

### MATERIAL SAFETY DATA SHEET (MSDS)

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name : MR.RX N2 HYGIENIC HARD SURFACE CLEANER CONCENTRATE  
Product code : -

##### 1.2. Recommended Use Uses advised against

a concentrated all-purpose cleaning agent & hygienic hard surface cleaner.

##### 1.3. Details of the supplier of the safety data sheet

**ZYAX CHEM PVT. LTD.,**  
3rd Floor, Kamer Building,  
38 Cawasji Patel Street, Fort,  
Mumbai - 400001, India.  
Contact No: +91 8779240420  
info@zyax.in - www.zyax.in

##### 1.4. Emergency telephone number

Emergency number : +91 22 2757 3899

#### SECTION 2: Hazards identification

##### 2.1. Irritant



#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.1. Mixtures

Ingredient	Cas no	Composition
monoethanolamine	141-43-5	1-5%
Proprietary Surfactant Blend	-	10-15%
Water	7732-18-5	80-90%

\*The specific chemical identity and/or exact percentage of this composition has been withheld as a trade secret



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### SECTION 4: FIRST AID MEASURES

Eyes	: Rinse immediately with copious amounts of water, holding the eyelids open and obtain immediate medical attention.
Skin	: Wash affected area thoroughly with water. If irritation develops seek medical attention.
Inhalation	: Remove to fresh air. Seek medical advice if effects persist.
Ingestion	: Remove product from mouth, give the casualty a small quantity of water to drink if they are conscious and obtain immediate medical attention. DO NOT INDUCE VOMITING.

### SECTION 5: FIREFIGHTING MEASURES

Flammability	: Non Flammable.
Extinguishing Media	: In the event of a fire due to other causes the product is compatible with water, foam, carbon dioxide and dry powder extinguishers. Fire-fighters should wear self-contained breathing

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Protection of Personnel	: Wear suitable protective clothing and eye protection.
Spillage Clean-Up	: Hose away with plenty of water diluting to at least 2.5% w/v (25 g/litre) unless this would contaminate a water course or vegetation, in which case either collect, dilute as earlier and pour down wastewater drain (foul sewer) or absorb onto dry sand or similar material and dispose of to a licensed waste management company.

### SECTION 7: HANDLING AND STORAGE

Handling	: Avoid contact with eyes and skin. Wear suitable eye/face protection. Do not mix with any other chemicals other than as advised by your JohnsonDiversey representative.
Storage	: Store upright in original closed containers in a cool place.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes	: When handling neat product wear eye/face protection.
Hand	: Use gloves resistant to Alkyl alcohol ethoxylate.
Skin	: Personal protection is not normally required unless a risk assessment indicates the need for it.
Respiration	: Personal protection is not normally required unless a risk assessment indicates a need for it.
OES/MEL	: 2-Aminoethanol, (Ethanolamine), (Monoethanolamine) 7.6 mg/cu.m 8 hour TWA Propan-2-ol, (Isopropanol), (Isopropyl Alcohol) 999 mg/cu.m 8 hour TWA



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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Appearance	: Reddish orange colored solution
pH	: 10.5-11.5
Density	: 1.006 gm/ml
Odor threshold	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Solubility	: Soluble in water.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: Not explosive
Oxidizing properties	: Not oxidizing.

### SECTION 10: STABILITY AND REACTIVITY

Exothermic reaction with acids. Provided the product is stored in accordance with the approved guidelines there are no known hazardous decomposition products.

### SECTION 11: TOXICOLOGICAL INFORMATION

Eyes	: Strong irritant with the danger of severe eye injury
Skin	: Irritant
Inhalation	: Irritant
Ingestion	: Harmful and irritant

### SECTION 12: ECOLOGICAL INFORMATION

When used for its intended purpose this product should not cause adverse effects in the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

This product does not contain any prescribed substance under the Environmental Protection Act (Prescribed Processes and Substances) Regulations 1991 and is not classified as special waste under the Control of Substances (Special Waste) Regulations 1996, but is classified as controlled waste under the Environmental Protection Act 1990. For small quantities wear suitable gloves and eye/face protection. Dilute with water to at least 2.5% w/v (25 g/litre) and pour down a wastewater drain (foul sewer). Rinse out containers at least twice and recycle if facilities exist or dispose of as commercial waste. For larger quantities contact a licensed waste management company.



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### SECTION 14: TRANSPORT INFORMATION

Not regulated

### SECTION 15: REGULATORY INFORMATION

Hazard Symbol	: Xi; Harmful	
Risk Phrases	: R22 R37/38 R41	Harmful if swallowed. Irritating to respiratory system and skin. Risk of serious damage to eyes.
Safety Phrases	: S23 S26 S37/39	Do not breathe spray. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection.

### SECTION 16: OTHER INFORMATION

Handle and apply only as recommended.

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with.