



# RXSOL

VARANASI CHEMICAL | RX MARINE INTERNATIONAL

## Material Safety Data Sheet (MSDS)

### RXSOL-10-1042-210

Heavy Duty Cleaner Detergent

### 1. Product and Company Identification

[www.rxmarine.com](http://www.rxmarine.com)

|              |                              |
|--------------|------------------------------|
| Product Name | Heavy Duty Cleaner Detergent |
| Product Code | RXSOL-10-1042-210            |

#### Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
VASHI ,NEW BOMBAY 400703 INDIA

|       |   |                                                          |
|-------|---|----------------------------------------------------------|
| Phone | : | +91 22 65113333 / 5555 / 9999 / 27611360                 |
| Fax   | : | +91 22 2781 1318 ::::AOH :0091 9821214367                |
| Email | : | <a href="mailto:mail@rxmarine.com">mail@rxmarine.com</a> |

### 2. Composition / Information on ingredients

[www.rxmarine.com](http://www.rxmarine.com)

| Name                                                           | CAS Number  | %     | Classification according to Regulation (EC) No 1272/2008 (CLP)   |
|----------------------------------------------------------------|-------------|-------|------------------------------------------------------------------|
| Disodium metasilicate                                          | 6834-92-0   | 1-5   | Skin Corr. 1B, H314; STOT SE 3, H335                             |
| Alcohol Alkoxylate                                             | 166736-08-9 | 1-5   | Acute Tox. 4 (Oral), H302; Eye Dam. 1, H318                      |
| Tetrasodium EDTA                                               | 64-02-8     | 1-5   | H314; STOT SE 3, H335                                            |
| Hexyl glucoside                                                | 54549-24-5  | 1-5   | Eye Dam. 1, H318                                                 |
| Sodium Carbonate                                               | 497-19-8    | 5-10  | H314; STOT SE 3, H335                                            |
| Potassium Hydroxide                                            | 1310-58-3   | 5-10  | H314; STOT SE 3, H335                                            |
| Benzenesulphonic acid, mono-C10-14-alkyl derivs., sodium salts | 85117-50-6  | 10-15 | Acute Tox. 4 (Oral), H302; Skin Irrit. 2, H315; Eye Dam. 1, H318 |

### 3. Hazards Identification

[www.rxmarine.com](http://www.rxmarine.com)

|              |                                               |
|--------------|-----------------------------------------------|
| Ingestion    | Harmful, if ingested.                         |
| Inhalation   | Inhalation does not produce any side effect . |
| Skin Contact | Non Irritation                                |
| Eye Contact  | Cause Irritation                              |

|                       |           |
|-----------------------|-----------|
| Environmental Hazards | None      |
| Human Health Hazards  | Moderates |

#### 4. First Aid Measures

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|             |                                           |
|-------------|-------------------------------------------|
| Ingestion   | Induce vomiting & seek medical attention  |
| Inhalation  | Remove to fresh air                       |
| Eye Contact | Flush with water for at least 15 minutes. |

#### 5. Fire-fighting Measures

[www.rxmarine.com](http://www.rxmarine.com)

|                            |                                                          |
|----------------------------|----------------------------------------------------------|
| Extinguishing Media        | F - Highly Flammable                                     |
| Suitable                   | Use extinguishing media like foam dry Co2 , water-spray. |
| Not suitable               | Not applicable                                           |
| Special                    | Not applicable                                           |
| Protection of fire Fighter | Not applicable                                           |

Component Classification F - Highly Flammable.

Xi - Irritant.

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

#### 6. Accidental Release Measures

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- Bio-Degradable

Prevent from entering sewers, waterways, or low areas.

CLEANING PROCEDURE ::: Isolate spill and stop leak where safe. Contain spill with sand or other inert materials.

Scoop up and remove.

#### 7. Handling and Storage

[www.rxmarine.com](http://www.rxmarine.com)

|                     |                               |
|---------------------|-------------------------------|
| Handling            | None , Avoid contact with eye |
| Storage             | General Storage , 5 years     |
| Methods of cleaning | Flush Spill Area with Water   |

|      |                                                                                                                                                   |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| NOTE | Keep Container Tightly Closed<br>Avoid breathing vapors.<br>Storage Information Store away from oxidizers. Keep container closed when not in use. |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------|

## 8. Exposure controls and personal protection

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|                               |                                                                                                                                                                                           |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Respiratory System Protection | Engineering Controls Use in a well ventilated area. Local exhaust ventilation should be used in areas without good cross ventilation.<br>Respiratory Protection Organic vapor respirator. |
| Eye Protection                | Eye Protection Chemical goggles; also wear a face shield if splashing hazard exists.<br>Other Precautions Eyewash fountains and safety showers must be easily accessible.                 |

Hand Protection Impervious rubber gloves. Skin Protection Rubber apron.

## 9. Physical and chemical properties

[www.rxmarine.com](http://www.rxmarine.com)

Properties:-

|               |                                    |
|---------------|------------------------------------|
| Appearance    | Clear liquid, Pale Yellow          |
| Density       | In g/cm <sup>3</sup> at 20°C: 1.21 |
| Compatibility |                                    |
| Metal         | No known effect                    |
| Rubber        | No known effect                    |
| pH            | Alkaline ( 12-13)                  |
| Flash point   | Not Applicable                     |
| Solubility    | 100% soluble in water              |

## 10. Stability and reactivity

[www.rxmarine.com](http://www.rxmarine.com)

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| Condition to Avoid               | Heat, Flame & Other Sources of Ignition                    |
| Materials to Avoid               | Do not subject to Acidic/Highly Alkaline/Oxidizing Agents. |
| Hazardous Decomposition Products | Do not occur (Bio-Degradable)                              |

## 11. Toxicological information

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|                  |                 |
|------------------|-----------------|
| Skin Irritation  | No.             |
| Eye Irritat      | Moderate        |
| Sensitization    | Not Sensitizing |
| Chronic Toxicity | Not Identified  |
| Carcinogenicity  | No.             |

Inhalation May cause respiratory irritation. May cause central nervous system depression including headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Skin Contact May cause skin irritation.

Eye Contact May cause eye irritation.

Ingestion May cause headache, dizziness, nausea, vomiting, gastrointestinal irritation and central nervous system depression.

Aggravated Medical Conditions Skin disorders. Chronic Effects/Carcinogenicity No data available to indicate product or components

present at greater than 1% are chronic health hazards.

Other Information None known.

Toxicity Tests

Oral Toxicity: Not determined

Dermal Toxicity: Not determined

Inhalation Toxicity: Not determined

Primary Irritation Effect: Not determined

Carcinogenicity Not determined

Genotoxicity: Not determined

Reproductive /

Developmental Toxicity: Not determined

## 12. Ecological information

www.rxmarine.com

|                |                |
|----------------|----------------|
| 1) Comment     | Not applicable |
| 2) Ecotoxicity | Not applicable |

Mobility (Water/Soil/Air) Not determined

Persistence/Degradability Not determined

Bio-accumulation Not determined

Ecotoxicological Information

Acute Fish Toxicity: Not determined

Acute Crustaceans Toxicity: Not determined

Acute Algae Toxicity: Not determined

Chemical Fate Information Not determined

Other Information Not applicable

### 13. Disposal considerations

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**Disposal methods** Small amounts may be flushed with water to sewer. Larger volumes must be sent to approved plant for destruction. Dilute with water, neutralise with HCl, discharge to sewer with plenty of water. Confirm disposal procedures with environmental engineer and local regulations. **Waste class** Hazardous waste in accordance with EU directives. 06 02.

### 14. Transport information

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| ROAD TRANSPORT (ADR)      |                                                 |
|---------------------------|-------------------------------------------------|
| ADR class                 | Not dangerous according to ADR / Not restricted |
| RAIL TRANSPORT (RID)      |                                                 |
| RID class no.             | N/A                                             |
| SEA TRANSPORT (IMDG)      |                                                 |
| IMDG class                | N/A                                             |
| AIR TRANSPORT (IATA/ICAO) |                                                 |
| IATA/ICAO class           | N/A / ICAO/IATA<br>Not restricted               |

Other Transportation Information

Labels: None

### 15. Regulatory information

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**EC Supply labeling Requirements** This product is not subject to the labeling requirements of EC Directives 67/548/EEC

and 88/379/EEC as amended.

**Classification** Not Classified

**Risk Phrases** None

**Safety Phrases** None

**EINECS Inventory** This product, and all its components, complies with EINECS

Germany, Water Endangering

**Classes (WGK)**

WGK 1: Low hazard to waters.

|                |                                                                                                                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Risk phrases   | R-41 Risk of serious damage to eye. R-38 Irritating to skin.                                                                                                                                                        |
| Safety phrases | S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S-2 Keep out of reach of children. |

### 16. Other information

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Explanations of R-phrases in Section 2 R-22 Harmful if swallowed. R-34 Causes burns. R-35 Causes severe

burns. R-37

Irritating to respiratory system. R-41 Risk of serious damage to eye.

\* Information revised since previous SDS version

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