

# Material Safety Data Sheet

Cement Remover Gel (RXSOL-22-2218-025)



## 1. Product and Company Identification

Product Name **RXSOL-22-2218-025**  
Product Type **CEMENT REMOVER GEL**

### 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 [mail@rxmarine.com](mailto:mail@rxmarine.com)

## 2. Composition / information on ingredients

| Chemical Name                               | Concentration | CAS Number | EC Number | R Phrases* | Symbols |
|---------------------------------------------|---------------|------------|-----------|------------|---------|
| Proprietary Blend                           | 20-40         | .....      | .....     | 34, 37     | C       |
| Corrosion Inhibitor                         | 5-10          | NA         | NA        | NA         | -       |
| Capryliminodipropionate                     | 6-8           | .....      | .....     | .....      | .....   |
| Hordaphos MDGB Phosphate ester, Clariant AG |               |            |           |            |         |
| Phosphoric Derivative                       |               |            |           |            |         |

\*See Section 16

## 3. Hazards Identification

|                   |                                                                         |
|-------------------|-------------------------------------------------------------------------|
| Odour             | Free from fumes                                                         |
| Appearance        | GelLiquid, Clear, soluble in water.                                     |
| Contact with eyes | Can cause damage to the eyes.                                           |
| Contact with skin | Prolonged skin or eye contact may cause chemical burns.                 |
| Inhalation        | Causes severe irritation, May cause breathing difficulty.               |
| Ingestion         | Not regarded as a potential route of exposure.,Causes burning sensatio. |

## 4. First Aid Measures

|                   |                                                                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contact with skin | Remove contaminated clothing immediately and drench affected skin with plenty of water. Seek medical advice if necessary Contaminated clothing should be laundered before use                                     |
| Contact with eyes | If substance has got into eyes, immediately wash out with plenty of water for at least 15minutes.Irrigate eyes thorough ly whilst lifting eyelids Can cause damage to the eyes Obtain immediate medical attention |
| Ingestion         | Do not induce vomiting Never give anything by mouth to an unconscious person.Give plenty of water to drink Obtain immediate medical attention                                                                     |
| Inhalation        | Remove patient to fresh air Seek medical attention if ill effects occur                                                                                                                                           |
| General           | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)                                                                                                        |

## 5. Fire-fighting Measures

- Non combustible
- Smoke from fires is corrosive, Hydrogen chloride may be formed
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Substance evolves toxic fumes, wear self-contained breathing apparatus
- Use water spray or fog to knock down and absorb corrosive fumes

## 6. Accidental Release Measures

|                           |                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions      | Wear protective clothing as per section 8.                                                                                 |
| Environmental Precautions | Do not allow to enter public sewers and water courses.                                                                     |
| Clean Up Actions          | Absorb spillage in inert material and shovel up Ventilate the area and wash spill site after material pick-up is complete. |
| Special Precautions       | Wear protective clothing as per section 8.                                                                                 |

## 7. Handling and Storage

|          |                                                                                                                                                                                                                                                   |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling | Avoid contact with skin and eyes(S24/25) Do not breathe vapour/fumes(S23) Eye wash bottles should be available Wear protective clothing as per section 8 Ensure adequate ventilation In use, may form flammable/explosive mixture(R18) vapour-air |
| Storage  | Keep only in the original container in a cool, well ventilated place(S3/9/49) Keep in acid store                                                                                                                                                  |

## 8. Exposure controls and personal protection

|                   |                                                                                      |
|-------------------|--------------------------------------------------------------------------------------|
| Exposure Limits   | TLV(TWA)1mg/m <sup>3</sup> (HCl).                                                    |
| Exposure controls | The undiluted product must not be used in a confined space without good ventilation. |

Occupational exposure controls      Wear suitable protective clothing, including eye/face protection and gloves(plastic or rubber are recommended) Respiratory protection may be required under exceptional circumstances when excessive air contamination exists Eyewash bottles should be available.



## 9. Physical and chemical properties

|                  |                                     |
|------------------|-------------------------------------|
| Odour            | Characteristic light smell          |
| Appearance       | Gel Liquid, Clear, soluble in water |
| PH               | 1.5at 100%concentration             |
| Boiling point    | ~100°Cat 760mm/Hg                   |
| Vapour pressure  | 105.5at 20degC                      |
| Vapour density   | (air=1)1.26                         |
| Freezing point   | ~-30°Cat 760mm/Hg                   |
| soluble in water | Completely soluble in water         |
| Specific gravity | (water=1)1.06                       |
| Non combustible  |                                     |

## 10. Stability and reactivity

This article is considered stable under normal conditions. In use, may form flammable / explosive vapour-air mixture (R18), Reaction products may include hydrogen. Avoid over heating. Incompatible with alkalis (strong bases). Contact with nitrite (e.g. Diesel guard NB, Cooling Water treatment) liberates toxic gas.

## 11. Toxicological information

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| Toxicological information | Prolonged skin or eye contact may cause chemical burns. |
| Inhalation                | Can cause damage to the respiratory system.             |
| Contact with skin         | Prolonged skin or eye contact may cause chemical burns. |

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Contact with eyes | Prolonged skin or eye contact may cause chemical burns. |
| Ingestion         | Can cause damage to the digestive system.               |
| Carcinogenicity   | No evidence of carcinogenic effects.                    |

## 12. Ecological information

|                                  |                                                                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ecotoxicity                      | This product contains watersoluble and bio degradable composition.                                                                                               |
| Mobility                         | Emulsifies in water.                                                                                                                                             |
| Persistence and Biodegradability | Most components in this product are not readily biodegradable.                                                                                                   |
| Bioaccumulation Potential        | Hydrocarbon solvents have the potential to bioaccumulate.                                                                                                        |
| Other Adverse Effects            | No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment. |

## 13. Disposal considerations

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classification          | This material and/or its container must be disposed of as disposal waste procedure.                                                                                                       |
| Disposal considerations | Obtain the consent of pollution control authorities before discharging to waste water treatment plants(S54)<br>Disposal should be in accordance with local, state or national legislation |

## 14. Transport information

Proper Shipping Name  
UN

|                      |                             |              |    |
|----------------------|-----------------------------|--------------|----|
| Proper Shipping Name | Acidic Gel viscous solution |              |    |
| UN NO.               | 1789                        |              |    |
| Hazard Class         | 8                           | PackingGroup | II |

Road/Rail(ADR/RID)

|                      |                             |          |             |
|----------------------|-----------------------------|----------|-------------|
| Proper Shipping Name | Acidic Gel Viscous solution |          |             |
| ADR UN No.           | 1789                        |          |             |
| ADR Hazard Class     | 8                           | Tremcard | 80GC1789-II |

Seal (IMDG)

|                      |                     |
|----------------------|---------------------|
| Proper Shipping Name | Acidic Gel solution |
|----------------------|---------------------|

|                                         |                     |                       |        |
|-----------------------------------------|---------------------|-----------------------|--------|
| IMDG UN No.                             | 1789                |                       |        |
| IMDG Hazard Class                       | 8                   | ICAO PackingGroup     | II     |
| IMDG EmS                                | F-A, S-B            | IMDG subrisk          | N/A    |
| IMDG Labels                             | 8                   | IMDG Flashpoint       | N/A    |
| Air(ICAO/IATA)                          |                     |                       |        |
| ProperShippingName                      | Acidic Gel solution |                       |        |
| IMDG UNNo                               | 1789                |                       |        |
| IMDG HazardClass                        | 8                   | IMDG PackGroup        | II     |
| ICAO subrisk                            | N/A                 | ICAO Labels           | 8+CAO  |
| ICAO Flashpoint                         | N/A                 |                       |        |
| DOT/ CFR(USDepartment ofTransportation) |                     |                       |        |
| DOTProperShippingName                   | Acidic Gel solution |                       |        |
| HazardousMaterial                       | Acidic solution     |                       |        |
| HazardClass                             | 8                   | IdentificationNumber: | UN1789 |
| Product RQ (lbs)                        | N/E                 | DOTsubrisk            | N/A    |
| DOTLabels                               | 8                   | DOTFlashpoint         | N/A    |

- Forbiddenonpassengeraircraft

## 15. Regulatory information

|                |                                                                                                                                                                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Risk Phrases   | Causes burns(R34) Irritating to respiratory system(R37)                                                                                                                                                                                                                                         |
| Safety Phrases | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice(S26). Wear suitable protective clothing, eye/face protection and gloves(S36/37/39) In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)(S45) |

## 16. Other information

Text of R and S phrase codes used in this safety data sheet:

|     |                                  |
|-----|----------------------------------|
| R34 | Causes burns;                    |
| R37 | Irritating to respiratory system |

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituent. The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties. The data given here only applies when product used for proper application(s). The product is not sold as suitable.

**DISCLAIMER OF LIABILITY :** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.