



Industrial Chemical Remover Technical Data Sheet

Product Description

Industrial Chemical Remover is a highly effective cleaning and degreasing agent designed to remove stubborn chemicals, grease, oils, and contaminants from a variety of surfaces, including machinery, industrial equipment, floors, and storage tanks. It is formulated to penetrate and break down tough residues, making it suitable for a wide range of industrial applications where efficient cleaning is required.

This powerful remover is made from a blend of solvents and surfactants that work together to dissolve and lift away oils, fats, adhesives, sealants, and other industrial contaminants. It is non-corrosive and biodegradable, offering a safe and environmentally responsible solution for industrial cleaning. The remover's formula is designed to be both effective and gentle on surfaces, ensuring no damage to materials like metals, concrete, plastics, and other substrates when used correctly.

Industrial Chemical Remover is designed for use in industries such as manufacturing, automotive, aerospace, chemical processing, and construction. It is also effective in cleaning production equipment, conveyor belts, storage vessels, and other machinery that requires periodic decontamination. Its fast-acting formula ensures minimal downtime during cleaning processes, making it an essential tool in improving operational efficiency and maintaining equipment integrity.

The remover's versatility allows it to handle both light-duty and heavy-duty cleaning tasks. Its ability to break down organic compounds and contaminants without the need for excessive scrubbing or harsh abrasives makes it a preferred solution in environments that require frequent maintenance. Industrial Chemical Remover offers a time-saving solution that maximizes the productivity of workers and minimizes potential delays in production.

Recommended Use

- Industrial Equipment Cleaning:** Industrial Chemical Remover is ideal for cleaning heavy machinery, such as compressors, pumps, and engines. It effectively removes grease, oil, and hydraulic fluid residues that build up during normal operations, helping to maintain optimal functioning and reduce wear on critical components. By using this remover, you can extend the lifespan of industrial equipment and avoid costly repairs.
- Conveyor Systems:** Conveyor belts and systems in food processing plants, automotive manufacturing lines, and material handling facilities can accumulate grease and oils, hindering performance and posing safety risks. Industrial Chemical Remover is designed to eliminate these residues, ensuring smooth and safe operation of conveyor systems.
- Maintenance of Production Lines:** In production facilities, dirt, grease, and chemical spills can quickly accumulate on production lines. Using Industrial Chemical Remover on regular intervals helps to maintain clean and efficient operations, reducing the risk of contamination and ensuring that production quality remains high.
- Cleaning of Tanks and Vessels:** Storage tanks, mixing vessels, and other containers used in the chemical and pharmaceutical industries often accumulate residues of various substances. Industrial Chemical Remover is formulated to clean these surfaces quickly and effectively, ensuring that there is no cross-contamination between different products.
- Surface Preparation:** Before applying new coatings, adhesives, or sealants, surfaces need to be free of contaminants. Industrial Chemical Remover prepares surfaces for proper bonding and coating application, especially in cases where standard cleaning methods do not suffice.
- Automotive Industry:** Automotive parts, including engines, chassis, and components, are often exposed to oils and greases during assembly and maintenance. Industrial Chemical Remover helps



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in cleaning these parts before reassembling or painting, ensuring a cleaner finish and better adhesion.

7. **Aerospace Maintenance:** Aerospace parts and machinery require careful cleaning to ensure safety and functionality. This product is effective for removing oils, lubricants, and contaminants from metal surfaces, ensuring that critical components remain free of debris and operate efficiently.
8. **Cleaning of Tools and Equipment:** Hand tools, power tools, and machinery used in industrial settings can accumulate oils, paint, and other residues. This remover is excellent for cleaning these items quickly, ensuring that they are ready for use and reducing maintenance costs.
9. **Food Processing Industry:** The food industry requires stringent cleanliness and hygiene standards. Industrial Chemical Remover is safe for cleaning equipment, work surfaces, and production lines in food processing plants, ensuring that residues do not affect the quality or safety of the food products.

Technical Data Specification

- **Appearance:** Clear, colorless liquid
- **Density:** 0.85-0.95 g/cm³
- **Odour:** Mild, solvent-like
- **Viscosity:** Low (approx. 3-10 cps)
- **Flash Point:** 40°C (104°F)
- **pH Level:** Neutral to slightly acidic (pH 6-7)
- **Boiling Point:** 120°C (248°F)
- **Solubility:** Soluble in water and most organic solvents
- **Active Ingredients:** Non-ionic surfactants, hydrocarbon-based solvents
- **Biodegradability:** Biodegradable and environmentally friendly
- **Packaging:** Available in 5L, 20L, 200L containers
- **Storage:** Store in a cool, dry place away from direct sunlight

Dosage, Addition, and Method of Application

1. **Dosage:**
 - **General Cleaning:** For most surfaces, apply Industrial Chemical Remover undiluted or diluted with water (up to 50%) depending on the level of contamination.
 - **Heavy Duty Cleaning:** For highly contaminated or stubborn residues, use the product undiluted for maximum effect.
 - **Surface Pre-Treatment:** If required, dilute the remover with water at a ratio of 1:1 for preparing surfaces for cleaning before further processing.
2. **Addition:**
 - No specific additive required. However, to enhance the effectiveness, some applications may benefit from slightly increasing the concentration of the remover depending on the severity of contamination.
 - Always conduct a patch test on a small area of the surface to ensure compatibility with the material.
3. **Method of Application:**
 - **Spray Application:** Using a spray bottle or pump sprayer, apply the remover directly onto the surface that requires cleaning. Allow the product to sit for 3-5 minutes, depending on the level of contamination. For heavy deposits, use a scrub brush to agitate the product before wiping it off with a clean cloth.



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- **Wipe Application:** For smaller or more delicate areas, apply the remover using a clean cloth, ensuring the surface is fully covered. Wipe off any residue after 3-5 minutes.
- **Soaking Method:** For larger parts, such as tanks or machinery components, submerge the parts in a bath of Industrial Chemical Remover for several minutes. After soaking, rinse the parts with clean water or wipe them down to remove excess solution.

Cleaning Time: The typical cleaning time is 5-10 minutes, but this can vary depending on the material and severity of contamination.

4. Post-Cleaning:

- After cleaning, rinse the surfaces with clean water if necessary, especially for food processing or medical applications. For general industrial use, simply wipe off excess residue or allow the surface to dry naturally.

Safety Instructions

1. Personal Protection:

- Wear appropriate protective equipment, including gloves, safety goggles, and protective clothing when handling the product.
- In poorly ventilated areas, or if prolonged exposure to fumes is expected, use a respirator or face mask to avoid inhaling vapors.
- Avoid direct skin contact. If the product comes into contact with skin, wash thoroughly with soap and water.
- In case of eye contact, flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

2. Handling and Storage:

- Store the product in a cool, dry area away from sources of heat, sparks, or open flames.
- Keep containers tightly closed when not in use and out of reach of children.
- Ensure proper ventilation in areas where the product is being applied, especially in confined spaces.

3. Disposal:

- Dispose of unused product and empty containers in accordance with local regulations. Do not dispose of waste product in water systems, soil, or drains.
- Use an approved disposal facility for hazardous chemicals to prevent environmental contamination.

4. First Aid:

- **Inhalation:** Move the affected person to fresh air. If symptoms persist, seek medical attention.
- **Skin Contact:** Wash the affected area with soap and water. If irritation persists, seek medical advice.
- **Eye Contact:** Flush immediately with clean water for at least 15 minutes. If irritation continues, seek medical attention.
- **Ingestion:** Do not induce vomiting. Rinse the mouth with water and seek medical help immediately.

Industrial Chemical Remover offers an efficient, reliable, and environmentally responsible solution for cleaning and degreasing a wide range of industrial surfaces.