



Industrial Hand Cleaning Cream Technical Data Sheet

Product Description

Industrial Hand Cleaning Cream is a specially formulated, heavy-duty hand cleaner designed to remove tough dirt, grease, oils, adhesives, paints, resins, and other industrial contaminants. It is ideal for use in industrial, automotive, and manufacturing settings where workers frequently come into contact with heavy-duty substances that are difficult to remove with regular soap and water.

This hand cleaner combines powerful cleaning agents with mild abrasives and conditioning agents to ensure that hands are effectively cleaned without being harsh on the skin. The cream contains a unique blend of natural ingredients, including pumice, to provide a scrub action that removes stubborn dirt, while the cream itself ensures the skin retains moisture. The product is non-toxic, biodegradable, and free of harsh solvents, making it an environmentally friendly option for industrial environments.

The cream is designed to tackle a wide range of contaminants, from oils and grease to paints, inks, and adhesives, leaving hands clean and refreshed. It also helps to maintain skin health by preventing dryness and irritation often associated with prolonged exposure to industrial substances. Industrial Hand Cleaning Cream is ideal for use in situations where workers need to maintain clean hands without the need for water, making it suitable for use in environments with limited access to water or where hand washing stations are not readily available.

Key Features:

- Effectively removes oils, grease, paints, inks, and adhesives
- Mild abrasive formula for deep cleaning
- Enriched with skin conditioners to prevent dryness
- Non-toxic, biodegradable, and environmentally friendly
- Free from harsh solvents and harmful chemicals
- Safe for use on all skin types
- Ideal for use in industrial, automotive, and manufacturing settings
- Convenient, easy-to-use cream form

Recommended Use

1. **Automotive and Mechanical Industries:** Industrial Hand Cleaning Cream is ideal for use by automotive mechanics, engineers, and technicians who frequently work with oils, greases, and automotive fluids. It removes heavy-duty contaminants such as engine oils, lubricants, and grease from hands, preventing buildup and ensuring that hands remain clean throughout the workday.
2. **Manufacturing and Assembly Lines:** In manufacturing facilities where workers handle heavy machinery, metal parts, and assembly line materials, this hand cleaner ensures that hands are thoroughly cleaned after each shift. It effectively removes oils, paints, adhesives, and other materials that may accumulate during work.
3. **Construction and Heavy Equipment:** Construction workers and heavy equipment operators often deal with substances like concrete, cement, oils, dirt, and chemicals. The cleaning cream's strong formula helps to remove these tough substances quickly, providing workers with clean hands and preventing irritation or long-term skin damage.
4. **Industrial Cleaning:** This product is also ideal for use by industrial cleaners who are tasked with handling machinery, equipment, and tools covered in industrial grime, oils, and lubricants. It removes dirt effectively without damaging the skin.



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5. **Painter's and DIY Projects:** Ideal for painters and DIY enthusiasts who often deal with paint, varnish, and other similar substances, this hand cleaner helps remove stubborn paint residues without requiring water or harsh scrubbing.
6. **Chemical Handling:** In environments where workers are handling chemicals, this cream helps remove chemical residues, ensuring safety and hygiene. It is gentle on skin yet effective in removing chemical contaminants.
7. **General Industrial and Warehouse Use:** The product is suitable for anyone working in environments where hands come into contact with industrial substances like dirt, metal shavings, oils, lubricants, and adhesives.
8. **Laboratory Technicians and Clean Rooms:** Ideal for technicians working in labs or clean rooms, where substances like oils, resins, or other compounds need to be removed without harming the skin. The hand cleaner provides a safe, gentle yet effective solution for regular hand hygiene.
9. **Fieldwork and Outdoor Jobs:** For workers in fields like agriculture, construction, and mining, the product provides a solution to clean hands from exposure to dirt, mud, chemicals, and oils without requiring water or a sink.

Technical Data Specification

- **Appearance:** Creamy paste
- **Odour:** Mild citrus or floral
- **Viscosity:** Medium-thick cream, easy to spread
- **pH Level:** 6.5–7.5 (neutral)
- **Flash Point:** Non-flammable
- **Active Ingredients:** Mild abrasives (such as pumice), natural skin conditioners
- **Solubility:** Soluble in water
- **Packaging:** Available in 250g, 500g, and 1kg containers
- **Storage:** Store in a cool, dry place, away from direct sunlight

Dosage, Addition, and Method of Application

1. **Dosage:**
 - For light cleaning: Dispense a small amount (approximately 10–15g) of cream onto dry or slightly damp hands.
 - For heavy-duty cleaning: Use a larger amount (15–20g) for removing tough contaminants like grease, oil, or paints.
2. **Addition:**
 - The cream is ready to use as-is. No additional water or mixing is required to achieve optimal cleaning performance.
 - In case of particularly stubborn residue or grease, apply a second layer of cream and repeat the process.
3. **Method of Application:**
 - **Step 1:** Apply the desired amount of the cleaning cream directly to dry hands.
 - **Step 2:** Rub the cream into the hands, focusing on areas with heavy contamination. Use circular motions to ensure the cream reaches all parts of the hands, fingers, and nails. For additional scrubbing action, use the palms and fingertips to massage the cream into the skin.
 - **Step 3:** Continue to scrub for 1-2 minutes to allow the mild abrasives to break down and remove the dirt, grease, or paint.

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- **Step 4:** Once the contaminants have been lifted, wipe your hands with a clean, dry cloth or paper towel to remove excess cream and dirt.
 - **Step 5:** In case of excess product or stubborn contaminants, use a small amount of water to rinse off the remaining cream and dirt.
 - **Step 6:** Dry hands with a clean towel or air-dry. The cream contains moisturizing agents to keep skin hydrated, even after multiple applications.
4. **For Heavy-Duty Use:**
- Apply a more generous amount for thicker layers of grease or paint. It may be necessary to repeat the process for heavily soiled hands.
5. **Additional Tips:**
- Avoid using excessive water during the cleaning process unless necessary for rinsing.
 - For extremely greasy hands, repeat the cleaning process after a brief rest to allow the product to work more effectively.

Safety Instructions

1. **Personal Protection:**
- While Industrial Hand Cleaning Cream is safe for most skin types, it is recommended to wear gloves for those with sensitive skin or who have allergic reactions to certain substances.
 - Avoid using the product on open cuts or broken skin to prevent irritation.
2. **Handling:**
- Avoid prolonged contact with eyes. If the product gets into your eyes, rinse immediately with water for at least 15 minutes. Seek medical advice if irritation persists.
 - If the cream is ingested, do not induce vomiting. Rinse the mouth thoroughly and seek medical assistance immediately.
3. **Storage:**
- Store the hand cleaner in a cool, dry place and keep the lid tightly closed when not in use. Do not expose to extreme heat or direct sunlight.
 - Ensure the product is stored in a location out of reach of children or pets.
4. **Disposal:**
- Dispose of used containers in accordance with local environmental regulations. Do not dispose of the product directly into the water system.
5. **First Aid:**
- **Eye Contact:** Rinse with water immediately. Seek medical help if necessary.
 - **Skin Contact:** Wash with soap and water. If irritation occurs, consult a physician.
 - **Inhalation:** Move to fresh air and seek medical attention if symptoms persist.
 - **Ingestion:** Rinse mouth and seek medical advice.

Industrial Hand Cleaning Cream is an essential product for professionals working in industries where hands frequently come into contact with heavy dirt, oils, paints, or other tough contaminants. It provides effective, fast, and safe cleaning while keeping skin healthy and moisturized.