

HYDRO-KLEEN utilizes bioremediation, which is the application of biological treatment to the clean up of hazardous chemicals. This results in the destruction of organic waste, eliminating environmental risk and liability. The process of bioremediation uses microbes, enzymes, oxygen and other nutrients to chemically **transform hydrocarbons into carbon dioxide and water**. **HYDRO-KLEEN** increases the surface area of the hydrocarbons while the enzymes break down the contaminants into material that the microbes can consume, finally transforming them into carbon dioxide and water.

The enzymes used in **HYDRO-KLEEN** activate oxygen and convert it to a form in which the oxygen atom can be incorporated directly into the hydrocarbon compound thus breaking the long-chain bonds. The enzymes then attract the microbes surrounding the cell surfaces to catalyze the breakdown reactions. As this process is repeated, the hydrocarbon compound is quickly broken down so that the microbes can then readily assimilate these simple hydrocarbons. Once the reaction is complete, the enzyme breaks free to attach to another hydrocarbon source in order to repeat the same reaction.

DIRECTIONS

Mopping

Dilute product 1:25 with water. For best results, dip mop into bucket with solution and apply liberally to spill area. Dip mop again and agitate solution into surface and reapply. **HYDRO-KLEEN** will bioactively remove the hydrocarbons and leave the surface dry without any film or residue, preventing slip and fall accidents. For best results on oily floors or visible oil, allow the solution to remain on the surface for about 30 seconds before mopping. Liberally apply to floor with a wet mop and agitate solution into surface.

Auto Floor Scrubber

Dilute product 1:25 with water. For best results, employ the double-scrub method. For the first scrubber pass, do not lower the squeegee. Spray solution while scrubbing. For the second pass, spray solution, scrub and lower squeegee for soiled water removal. **HYDRO-KLEEN** will clean the auto floor scrubber by removing the hydrocarbon build-up in the tanks and enhancing the overall performance. Leaves surface dry and oil-free without any residue. Prevents slip and fall accidents.

Degreasing

Dilute product 10:1 with water. The dilution rate may be determined if the operator will be using rags to clean (stronger), scrub brush (medium), or rinsing with a power washer (weaker). When cleaning heavy oil/grease deposits, allow product to soak 1-2 minutes before removing. Spray the solution on machinery, equipment and/or tools, agitate and rinse, wipe clean with cloth or allow to air dry. The surface will be dry and clean without any hydrocarbon residue or film and may be used on any water-safe surface. Some additional time and agitation may be required on heavy, stubborn hydrocarbon build-up.



GENERAL MAINTENANCE PRODUCTS



REMEDIATION

Dilute product 1:1 with water to render flammable liquids such as gasoline, diesel fuel, and JP8 non-flammable. Use explosion proof vacuum and pull up any bulk liquid and spray the area with 1:1 dilution of **HYDRO-KLEEN** to begin remediation process.

Does not contain any hazardous ingredients.

CAUTION

Use caution. Contains living, non-pathogenic bacterial cultures. Store in a cool, dry place. Keep from freezing. Avoid excessive inhalation. Use chemical resistant gloves, goggles & aprons recommended by OSHA. Always wash hands thoroughly after use. Do not store below 32°F. Do not take internally.

FIRST AID

EYES: Flush with clear cool water for fifteen minutes.

SKIN: Wash exposed areas with soap and water.

INHALATION: Remove victim to fresh air or oxygen supply. Seek medical attention if breathing difficulty persists.

IF SWALLOWED: If conscious, give victim two glasses of water to dilute ingested material. Do not induce vomiting.

KEEP OUT OF REACH OF CHILDREN



HMIS RATING
1 - HEALTH
0 - FLAMMABILITY
0 - REACTIVITY
B - PROTECTIVE EQUIPMENT

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