

Application for Anti-Cross Contamination Oil Dispersant: For Mineral Oil

# + OILMEDY +

Protects the global environment from oil spill cross-contamination

Decompose and disperse oil into ultrafine particles !

Use microorganisms to decompose oil into water and carbon dioxide !

Breed microorganisms using special nutritional supplements !

A deodorant extracted from natural vegetation that suppresses the odor oil !

## 【Product Features and Effects】

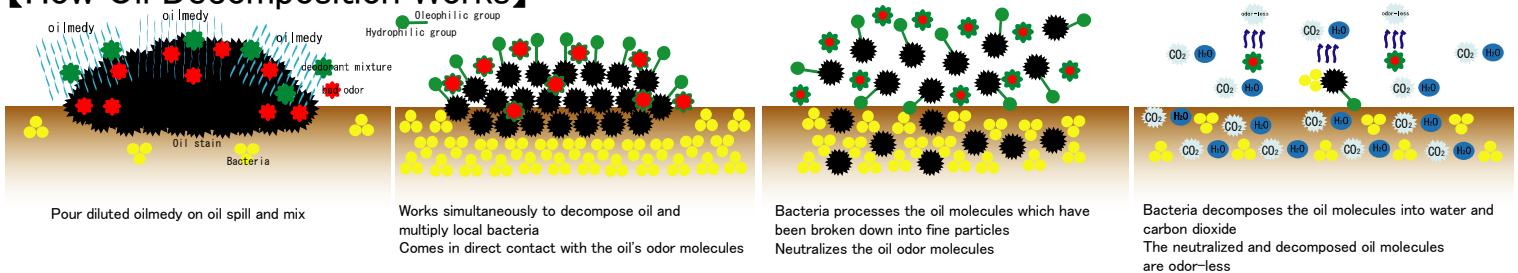
- A **completely water-based oil dispersant** that is free of alcohol and petroleum solvents. **No clouding occurs** as it does in emulsifier-type neutralizing agents. Also, water-based means that there are **no restrictions on stockpiling under fire protection laws**.
- Oil is **hydrolyzed** into ultrafine particles (as far as the naturally occurring microorganisms can process), and the oil particles **will not reattach** themselves to each other once decomposed, thus preventing oil balls and patches from occurring.
- As it decomposes the oil, the special nutritional supplement in the solution **rapidly multiplies the local microorganisms** to biodegrade the oil molecules into water and carbon dioxide.
- **Highly economical** because it is **dilutable** (usually by 10 times).
- It can be stored for **long periods of times** (more than 3 years, subject to storing conditions).
- A **99% biodegradable** solution.
- **Very little foaming occurs** at use because it contains only about 4% of an environmentally-friendly anionic surfactant.
- A deodorant mixture extracted from natural vegetation that suppresses the particular odor of mineral oils.

## 【Application】



- Pouring diluted Oilmedy (with about 10 parts water) on oil that has leaked onto roads and other places causes oil patches to disappear instantly. In addition to breaking down oil components into fine particles, the special nutritional supplement contained in Oilmedy multiplies the naturally occurring microorganisms which decompose the oil molecules into water and carbon dioxide.
- No effects on asphalt, no oiliness, and no foaming.
- Oilmedy works to stop the broken down oil molecules from reattaching themselves to each other and thus prevents secondary disasters (environmental destruction, fire hazards, etc.) from occurring during the oil cleaning efforts.
- When thoroughly spread over an oil flow, the particular odor of mineral oils will be suppressed.
- Increased efficiency compared to oil absorbents, as it eliminates the collection process.

## 【How Oil Decomposition Works】



## 【Examples of Use】

- Oil spill accidents on roads
- Oil spills in the ocean, river, or service waters
- For cleaning oily floors in factories and other places
- To fulfill ISO 14001 requirements  
(Section: 4.4.7 Emergency Preparedness and Response)
- For cleaning machines and tools
- For oil stains on gloves and factory uniforms
- Other greasy areas



Part number: M020  
Volume: 20L

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# Applications for Anti-Cross Contamination Oil Dispersant



Oilmedy works to decompose and disperse oil. It is a completely water-based oil dispersant free of alcohol and petroleum solvents.

\* OILMEDY is a dilutable oil dispersant which can either be diluted with water in advance before storage or diluted prior to use.



OILMEDY



## Applications

\* Pour one tenth of the concentrate (approx. 10 parts water)

\* Dilute with tap water solution into a separate container.

\* Use approximately 300–500ml of OILMEDY concentrate solution to decompose 1L of oil. Dilute the concentrate with 10 parts water and sprinkle on desired area. Use a brush to thoroughly scrub deep into the pavement. Rinse the area again with the remainder of the diluted OILMEDY.



\* Creating an artificial oil spill. (Kerosene is used here.)



\* Pour OILMEDY on the oil contaminated area.



\* Scrub thoroughly with a brush.



\* After mixing in OILMEDY, use the remainder to rinse the area again. Repeat the procedure if oil reappears on the surface.

# OILMEDY:Anti-Cross Contamination Oil Dispersant

In rivers, ponds and other water-surfaces samples

Oil patch or film on a water-surface.



Spray OILMEDY(diluted 10 times) directly on the oil patch using a watering can or sprayer.



No foaming or clouding occurs when the procedure is completed.



Prepare another container and dilute with water.

## Application on water-surfaces

First of all, use a containment boom or other device to prevent the oil from flowing out or spreading. If it is a major leak, scoop up as much excess oil as possible. For oil patches and film which do not require a mat, dilute OILMEDY with 10 parts water in a container and spray it on. Various spraying methods are available. It can be dispersed using crop dusters, a bucket and a ladle, or it can also be poured on directly.

If the oil is floating on the surface, dilute OILMEDY with 10-20 parts water and use a high-pressure cleaner to spray it. If on high-pressure cleaner is available dilute OILMEDY with about 5-10 parts water and use a stick to mix it, as the decomposition effect will not occur without some degree of mixing.