

Technical Data Sheet (TDS)



QUADINOL(Quachem-100 Odor Solution)

Product Description: QUADINOL(Quachem-100 Odor Solution) is a specialized product used for controlling odors in industrial and waste areas. This liquid solution combines glycine betaine, hydrogen peroxide, peracetic acid, acetic acid, and other ingredients to neutralize and control odors effectively. It is designed for use in high-odor environments such as dumping grounds, waste disposal areas, and manure plants.

Applications:	Physical parameters:
<ul style="list-style-type: none">• Odor control in industrial sites• Disinfection of waste handling areas• Manure plant odor control	<ul style="list-style-type: none">• Appearance: Clear liquid• Color: Colorless to pale yellow• Odor: Light fragrance/perfume• pH: Acidic• Density: 1.0 g/cm³• Solubility: Soluble in water• Stability: Stable under recommended storage conditions

Safety Information:

Hazards: Irritant to eyes and skin.

Precautionary Statements: Wear protective gloves, eye protection, and face protection. Avoid release to the environment. Dispose of contents/container according to local/regional regulations.

First Aid: In case of skin contact, wash with plenty of water. If in eyes, rinse cautiously with water for several minutes. Seek medical attention if irritation persists.

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QUACHEM
Chemicals & Solution Providers

QUADIDUMP (Quachem Gate Solution)

Product Description: QUADIDUMP(Quachem Gate Solution) is an industrial-grade cleaning and disinfecting solution designed for use in manure plants, dumping areas, and other high-traffic industrial zones. It contains high-boiling tar acids, organic acids, and surfactants to remove dirt, disinfect surfaces, and control foul odors.

Applications: <ul style="list-style-type: none">• Removal of dirt and contaminants from gate areas• Disinfection of manure plant floors• Odor control in industrial and waste areas	Physical parameters: <ul style="list-style-type: none">• Appearance: Brownish liquid• Color: Brown• Odor: characteristic• pH: 3.7• Density: 1.18 g/cm³• Solubility: Soluble in water• Stability: Stable under recommended storage conditions
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Safety Information:

Hazards: May cause irritation to skin and eyes.

Precautionary Statements: Use with appropriate PPE (gloves, goggles). Avoid breathing vapor. Use only in well-ventilated areas.

First Aid: In case of skin contact, wash with water. In case of eye contact, rinse with water for 15 minutes. Seek medical attention if needed

Literature for Quachem-100 Odor Solution

Literature for QUADINOL(Quachem-100 odor Solution)



1. Overview:

The Quachem-100 Odor Solution is highly effective in controlling odors in industrial and waste handling areas. The formulation works by breaking down odor-causing compounds and neutralizing them, making it a versatile solution for industries dealing with waste, dumpsites, and manure plants.

2. Mode of Action:

The hydrogen peroxide and peracetic acid in the solution act as strong oxidizing agents that break down odor-causing organic compounds. Acetic acid further aids in neutralizing the pH, while glycine betaine stabilizes the formulation and improves solubility. The perfume essences help in providing a pleasant scent, masking undesirable odors.

3. Benefits:

- Efficient odor neutralization
- Dual-function as a disinfectant and deodorizer
- Safe for use in high-traffic industrial areas
- Effective across a wide pH range

4. Safety:

As with all chemical formulations, the Quachem-100 Odor Solution must be handled with care, and appropriate protective gear (gloves, goggles) should be worn during application. Always follow safety guidelines to prevent accidental exposure.

Literature for Quachem Gate Solution

Literature for QUADIDUMP (Quachem Gate Solution)



1. Overview:

The Quachem Gate Solution is a robust cleaning and disinfecting solution formulated for the cleaning of industrial areas, especially at gate entrances where dirt and contaminants accumulate. It also serves as a disinfectant to control bacteria and pathogens on high-contact surfaces, such as floors and entry points to manure plants.

2. Mode of Action:

The high boiling tar acids provide powerful cleaning abilities by breaking down dirt and grease, while the organic acids (lactic and citric acids) work to neutralize odors and disinfect. The surfactants (e.g., sodium lauryl sulfate, ethoxylated nonylphenol) lower the surface tension of water, allowing better cleaning efficiency and coverage of surfaces.

3. Benefits:

- Effective against tough dirt and grease
- Controls odors in high-traffic industrial zones
- Provides disinfection of floors and surfaces
- Cost-effective solution for industrial use

4. Safety:

Proper handling is required to ensure safety. Wear gloves and eye protection during use, and avoid direct inhalation of vapors. Follow local guidelines for disposal and handling to minimize environmental impact.