

APPLICATION PROCEDURES



MOXIE SHIELD 3000

CONCRETE & MASONRY CLEANER

MOXIE SHIELD 3000

MOXIE SHIELD 3000 Concrete & Masonry Cleaner is a heavy duty detergent which is effective for cleaning oil, grease and dirt from masonry and concrete surfaces. When MOXIE SHIELD 3000 Concrete & Masonry Cleaner is applied to surfaces it reduces foreign materials into small suspended particles which are then held in the solution and can be rinsed away without re-depositing onto clean surfaces. MOXIE SHIELD 3000 Concrete & Masonry Cleaner is an ideal cleaner for harsh environment surfaces such as service stations, repair shops, aviation hangers, breweries and farms.

SURFACE PREPARATION

Surfaces should be thoroughly swept or blown clean of all debris. It is recommended to power wash surface preferably with hot water when possible.

APPLICATION PROCEDURES

1. Pour MOXIE SHIELD 3000 Concrete & Masonry Cleaner on areas to be cleaned.
2. Agitate/scrub with a stiff bristled, long-handled brush until contaminants are removed from the surface.
3. Rinse off the area with clean water.
4. High pressure rinsing is recommended for heavily soiled areas.
5. Petroleum based and toxic materials MUST be disposed of properly.

NOTE: The use of hot water greatly enhances the effectiveness of MOXIE SHIELD 3000 Concrete & Masonry Cleaner

BASICS OF REMOVING SURFACES CONTAMINATION

The technical terms for effective cleaning are emulsification, deflocculation, and detergency.

- Emulsification is the homogenizing of grease, oil, and/or fat into small particles and dispersing them evenly in water, preventing them from recombining.
- Deflocculation is the separation of insoluble particles such as dust, earth, and/or clay that repel each other.

- Detergency is the property of suspending both of these types of particles in solution and rinsing them away without re-depositing on a freshly washed surface.

HANDLING AND STORAGE

- MOXIE SHIELD 3000 Concrete & Masonry Cleaner is a strong alkaline detergent and should be handled using rubber gloves and suitable eye protection such as goggles or face shield.
- Handling: Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Promptly clean residue or spills with cloth dampened with water. Masks and gloves are recommended.
- Due to pH level, do NOT allow this product to come in contact with plant life or leather.
- DO NOT allow product to come in contact with glass, porcelain or ceramic tile, aluminium, zinc or galvanized steel. Product will permanently etch or erode the surface. Must be rinsed with running water or removed with damp cloth immediately.
- Storage: Keep the container closed. Store in clean steel or plastic containers. Do not store in aluminium, fibreglass, copper, brass, zinc, or galvanized steel. Keep separate from acids, reactive metals, and ammonium salts. Store above 40°F / 4.5°C.

NEED MORE HELP?

Please contact our technical support experts at tech@moxieinternational.com or call (844) 845-1975.

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- Indefinite shelf life. DO NOT ALLOW PRODUCT TO FREEZE.

HAZARDS IDENTIFICATION

Non-Toxic / Non-Hazardous / Non-Flammable/
Water-Based / Zero VOC (EPA 24 VOC). USDA
approved for use in food processing areas.
Complies with OSHA 29 CFR 1910.

EMERGENCY OVERVIEW

Liquid, clear to hazy, odorless to musty smell.
Causes moderate eye, skin and digestive
tract irritation. Spray mist causes irritation to
respiratory tract. Noncombustible. Spills are
slippery. Reacts with acids, ammonium salts,
reactive metals and some organics.

TRANSPORT INFORMATION

DOT UN Status: This material is not regulated
hazardous material for transportation

DISPOSAL INFORMATION:

Classification: Disposed material is not a
hazardous waste. Disposal Method: Dispose
in accordance with federal, state and local
regulations and permits.