



CAL551-905: Mitig8r-A

Absorption and Neutralization Pad for Acids And Low Ph Liquid Spills

PRODUCT PROFILE

DESCRIPTION

CAL551-905 **Mitig8r-A** Absorption and Neutralization material for aqueous Low pH and acid spills. An economical means for small spill mitigation

Mitig8r-A is a loose material designed to absorb and neutralize aqueous low pH and acid spills such as hydrochloric, nitric or sulfuric acids including lead-acid electrolyte.

As lead-acid electrolyte is neutralized and absorbed, the contents form a coating and harden around most heavy metal molecules found in the solution that is carried into the Mitig8r-A material to result in lead encapsulation.

Mitig8r-A will also change color, indicating that it has been exposed to a spill.

MITIG8R is identical to the ingredients of the CAL551-900 **BATT-MAT®**.

TECHNICAL DATA

PHYSICAL PROPERTIES

Specific Gravity	.56
Weight	3.73 kg (5.0 lbs.)
Size	30.48 x 30.48 cm (.093 sq. meters) 12" by 12" (144 sq. inches)
Flash Point	N/A
Color	Gray
Odor	Odorless

STORAGE INFORMATION

Store in a clean, dry area that is free from acid fumes. Shelf life should be indefinite when stored properly.

CLEAN UP

Mitig8r-A ingredients will become less flexible and change color as absorption, neutralization and lead encapsulation processes progress.

The Calicorp spill response kit (CAL554-500) contains equipment and supplies to restore the area of the spill to a safe work environment

**DISPOSAL
PROCEDURE**

Mitig8r-A that has been used to control lead-acid electrolyte spills may contain lead.

Independent laboratory testing shows that the contained lead of up to 130 mg/L will not leach out once the absorption/encapsulation process is complete.

These tests indicate the exposed Mitig8r-A meets the federal requirements (<5 mg/L) for the Toxicity Characteristic Leaching Procedure (TCLP). These tests were conducted in a laboratory setting, with tight control of all variables. It is impossible to duplicate every possible situation that may be encountered in actual spills.

Dispose of according to Company procedures or local landfill requirements, which may override federal regulations.

The Calicorp spill Clean Up Kits can be used to clean and verify complete neutralization of the spill area. Battery manufacturers have agreed to accept defective batteries and clean up materials. At their discretion, they can verify the lead content and recycle or dispose of the materials.

**ORDERING
INFORMATION**

For additional information, prices or to place an order, contact Calicorp or your Calicorp representative.

MATERIAL SAFETY DATA**HAZARDOUS
INGREDIENTS**

Sodium Bicarbonate	CAS# 144-55-8,	Irritant
Magnesium Oxide	CAS# 1309-48-4	Irritant
Alkali Metals Silicate	CAS# 1312-76-1	Irritant

PHYSICAL DATA

Specific Gravity	.56
% Volatiles by volume	Nil
Appearance	Light brown to tan
Melting Point	Not Applicable
Solubility in Water (% by weight)	Approximately 40% of components are water soluble
Odor	Odorless

**FIRE AND
EXPLOSION
DATA**

Flash Point	370° COC
Flammable Limits	Not Applicable
Extinguishing Media	Water, Water fog
Special Procedures	Use of self-contained breathing apparatus is recommended.

**HEALTH AND
HAZARD
INFORMATION**

Inhalation	Possible irritation to upper respiratory track under conditions exceeding 9.2 mg/liter under continuous dusting exposure.
Skin Contact	Non-irritating
Eye Contact	Irritant
Ingestion	LD ₅₀ (rats): greater than 5000 mg/kg

**EMERGENCY
FIRST AID
PROCEDURES**

Eyes	Immediately flush eyes with water for 15 minutes. Call physician.
Skin	Wash with water.
Ingestion	Not considered toxic, if large quantities (1/2 lb. or more) are ingested drink one to two glasses of water and consult physician.
Inhalation	Remove from exposure, if irritation persists, obtain medical attention. Give oxygen if breathing is difficult.

**REACTIVITY
DATA**

Hazardous Polymerization	Will not occur.
Conditions to avoid	Heating above 300 ° F.
Incompatibilities	None known.

**DISPOSAL OR
SPILL
PROCEDURES**

Waste Disposal Method	Not considered hazardous under RCRA (40CFR 261) Dispose according to state, federal and local regulations.
Steps to be taken if material is spilled	Shovel into closeable container for disposal.

**SPECIAL
PROTECTION
MEASURES**

Skin	Latex gloves recommended.
Inhalation	If dusty environment exists (greater than 10 mg/M) wear dust masks.
Eyes	Always wear safety glasses with side shields or wear splash-proof goggles.
Gloves	Impervious gloves
Other	Appropriate equipment to prevent probability of skin and eye contact.



This product is not regulated by the DOT and is not considered a hazardous waste under the RCRA.

MSDS information provided by the manufacturer.

Please call Calicorp for additional information regarding this product or its application

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