
For the IMPORTER



Guam Environmental Protection Importation of Sand, Gravel, Rock or other Natural Building Materials or Supplies from Foreign Sources.

Guam EPA offers guidance to help importers obtain environmental clearance for Sand, Quarried, or Mined Products from outside Guam's geological region, as defined in 8 GAR Division 3, Chapter 13. This guidance covers only the Guam EPA's authority. Acceptance does not relieve importers of the obligation to comply with other laws or of liability for the use and handling of materials.

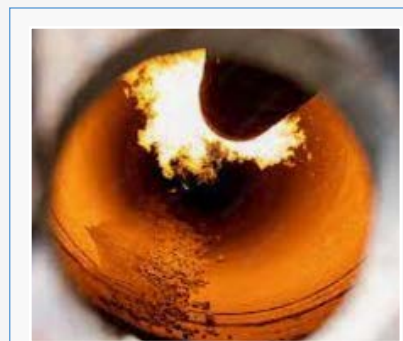
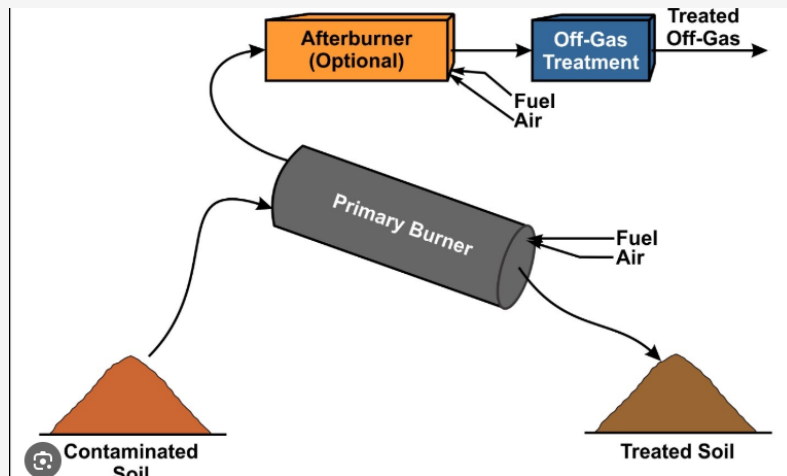
Rules & regulations Importation Guidelines

See Aggregate Importation Guidelines on our Website at epa.guam.gov

Sanitation Guidance: Material Safety Data Sheet (MSDS)

1 Saturation of the entire mass with a solution of Sodium Hypochlorite (NaClO) or Calcium Hypochlorite (Ca(ClO)₂) of at least 200 ppm free chlorine for a period of at least 30 minutes. **Preferred method.**

2 Heat treatment to a temperature at or above 140° F (60°C) for a period of at least one minute **after the entire mass** being treated has reached that temperature (example below).



Kiln

Example



Material Safety Data Sheet

1 Product And Company Identification

Product Name	Calcium Hypochlorite, Granular
	STAR-CHLON 70G
Manufacturer Name	: Nankai Chemical Co., Ltd.
Address	: Minami-Horie 1-12-19, Nishi-ku, Osaka, Japan
Tel	: +81-6-6532-5693
Department in Charge	: Tosa Factory
	: Product Quality Control & Warranty Group
Tel	: +81-88-831-6191
Fax	: +81-88-831-3461
Emergency Call	: +81-88-831-6191
Reference No.	: 218 November 25, 1992 The 1st edition
	March 1, 2011 Revision

2 Hazardous & Toxicological Information Classification by GHS

Physical/Chemical Hazard



3 Composition/Information on Ingredients

Product name:	: Calcium Hypochlorite
Chemical name	: Calcium Hypochlorite, Calcium Oxychloride or Chlorinated Lime
Chemical Formula or Structural Formula	: Ca(ClO) ₂
Composition	: Available Chlorine 70% Min.
CAS No	: 7778-54-3
Chemical Manufacturing and Inspection Act	: (1) - 177
Industrial Health and Safety Act	: (1) - 177
Existing Chemicals Evaluation Act of Japan:	: NA
The United Nations Classification	: Class 5.1 (Oxidizing Material, Container Grade II)
The UN No.	: 3487

Sanitizing Methods

- Primary wash of the material at the origin where mined.
- Similar Sanitation process initiated.



- Sanitizing sand in sack.



- Sanitizing bulk of material to be shipped.



- Sanitize equipment handling the material.



SAMPLE COLLECTION TECHNIQUE & EQUIPMENT

Proper Personnel Protective Equipment (PPE's):

- Hardhat
- Covered shoes
- Mask
- Gloves
- Reflective vest

EQUIPMENT:

- Sterile scoop
- Sterile Whirl Pak or Ziplock bags
- Field sheet
- Pens, markers, clipboard
- Watch



Sample Collection cont'd

Label sack where the sample was taken from:

- * Company Name (GEPA if inspector is obtaining it)
- * Date
- * Sack number from samples were taken from (e.g. 3 of 20)

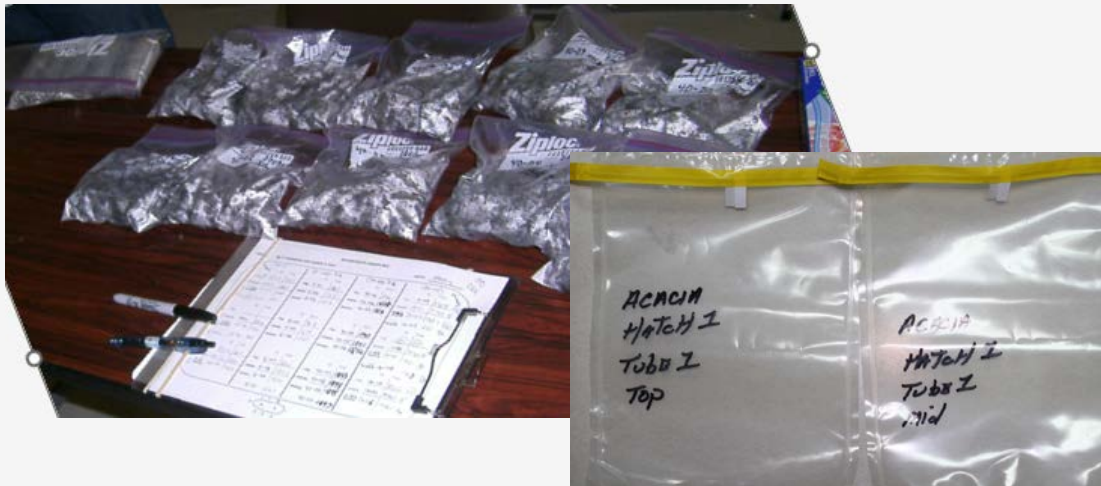


Packing samples to mail for analysis with Guam EPA

NOTE: Samples will NOT be accepted if not contained properly.

- 1) Each sample is bagged and sealed individually.
- 2) Each sample is labeled according from which section of the shipped or identify the bag/container the sample was taken from referenced below.
- 3) Using a one-gallon zip lock bag place several samples taken in the bag and seal zip lock and secure zip lock bag with tape as seen in photo to the right below and place in a sturdy box.

Samples bagged, labeled, and annotate on a log-sheet.



Place several sample baggies in a one-gallon zip lock bag, seal & secure with tape and place in a sturdy container (avoid using cardboard box).



Ship to Guam EPA

Guam Environmental Protection Agency

ATTN: EMAS

17-3304 Mariner Avenue-Tiyan

Barrigada, Guam 96913

Lab Analysis

Once samples have been received by the GEPA Lab Chemists, it is then analyzed for Total Coliform and E. Coli using Colilert.

These samples are incubated for 24 hours.

Positive and negative results will be determined after the incubation period.