
	PREMIER MAGNESIA - GILES CHEMICAL			
	COMPANY POLICY			
	Spill Response Plan	Page : 1 of 7	Revision : 03 Date : 09/15/2011	
	Author: Deborah Durbin	Plant: Waynesville	Area: Safety	

Safety: Proper Personal Protective Equipment for the area. For Sulfuric Acid Spills: full acid suits with boots, safety glasses, face shield and fitted respirators will be required. Use respirator N7500-3, North 7700 Series Silicon Half-Mask with Cartridge North 7583P100. Cartridge life is 1398 hours (actual breathing through the cartridge), however, replace the cartridge after use during an acid spill. See Respirator Procedure for further details.

Purpose: The purpose of this Spill Response Plan (SRP) is to ensure that Giles Chemical, Waynesville is prepared to respond effectively to the release of hazardous materials at the facility. The goal of Giles Chemical is to protect the general public, Giles employees and the environment from any release of hazardous materials.

Section 1: Emergency Responsibility

The Giles-Waynesville Safety Manager and/or Plant Manager are responsible for all emergency response measures. The Safety Manager and Plant Manager must be familiar with all the locations of hazardous materials at the facility and the characteristics of those materials. The Safety Manager and/or Plant Manager have the authority to commit the resources necessary to carry out the SRP.

In the event of a spill emergency, the Plant Manager and/or Safety Manager (listed below) must immediately be notified. The Plant Manager and/or Lead Operator is to immediately call 911 and then notify a Giles-Waynesville emergency contact (listed below) who will be responsible for notifying all emergency response agencies. Lead Operators will be responsible for ensuring that the designated employees on their shift are handling the spill properly and will be in charge until the Plant Manager or Safety Manager arrives. The Plant Manager and/or Safety Manager will access potential health and environmental hazards and take all measures to secure the situation. The Plant Manager and/or Safety Manager are responsible for proper disposal of spill waste, incident investigations, maintenance repairs and replacement of damaged equipment.


Giles Emergency Contacts:


Plant Manager – Jason Bumgarner cell: 828-508-4377

Safety Manager – Stacy Lindsey cell: 828-400-3729

Director of – Deborah Durbin cell: 828-734-5285
Quality & Safety

Director of – Matt Haynes cell: 828-734-0962
Manufacturing

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Main Plant:

Giles Chemical, Waynesville has designated a team of employees to respond in the event of a spill. The team consists of the following employees:

Position	Shift
Safety Manager	Day
Plant Manager	Day
Maintenance Manager	Day
Process Engineer	Day
Lead Operator	1
Lead Operator	2
Lead Operator	3
Lead Operator	4
Safety Assistant/Lead Operator	Day
Maintenance	Day
Maintenance	Day
Maintenance	Day
Material Handler	1
Material Handler	2
Material Handler	3
Material Handler	4



***Contact Information is posted on wall in Time Clock Room.**

Designated employees who are clocked-in at the time of a spill will be responsible for responding to the spill. In the event there is a large spill that can not be contained by the shift present, the employees from the list shall be called in for aid. The Plant Manager and/or Safety Manager will make the decision of whether additional aid will be called in to assist.

Section 2. Reporting Sulfuric Acid Spills

Call 911 immediately! Next the Giles-Waynesville Plant Manager or Lead Operator is to call the Safety Manager (or other emergency contact at Giles-Waynesville) who will be responsible for reporting the spill to Federal, State, and Local Regulatory Agencies (listed below). Acid spills of 50 gallons (1000 pounds) or more are reportable. A reportable spill must be reported to the National Response Center (NRC), State Emergency Response Commission/North Carolina Department of Environmental Management (SERC/NCDEM) and Local Emergency Planning Committee (LEPC) as soon as possible if not immediately. An Incident Report will be filled out on-line on the National Response Center website under EPA by the Safety Manager at Giles-Waynesville. Follow-up written reports are required as soon as practicable, but not longer than 30 days to the SERC/NCDEM and LEPC.

The Giles-Waynesville Safety Manager (or other emergency contact) will contact North Carolina OSHA within eight hours in the event of the death of an employee or the in-patient hospitalization of three or more employees as a result of an emergency spill (or any other work-related incident).

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Do not discuss event with anyone outside of Giles. Jim Hill and/or Matt Haynes are the only individuals authorized to speak publically or to the media.

Federal, State and Local Emergency Contacts:

National Response Center (NRC)

1-800-424-8802

- Call immediately; they will contact other appropriate agencies
- On-line report

North Carolina Emergency Response Commission (NCERC)/

North Carolina Division of Environmental Management (NCDEM)

1-800-858-0368

- Call immediately or as soon as possible
- Follow-up report

Haywood County Local Emergency Planning Committee (LEPC)

911

- Call immediately or as soon as possible
- Contact Chairman Greg Shuping immediately
- Follow-up report

(office: 828-456-2391)
(cell: 828-508-8387)

Waynesville Police, Fire and County Sheriff's Department

911

Town of Waynesville Waste Water Plant

828-452-4685

- Call only if property other than Giles affected
- Contact David Smith

Town of Waynesville Public Works

828-456-4410

- Call only if property other than Giles affected
- Contact Fred Baker (Director)

North Carolina OSHA

- Call within 8 hours after the death of an employee or hospitalization of three or more

800-625-2267

Remediation Services


Mountain Environmental Services

828-648-5556

Addresses for Follow-up Reports

North Carolina Emergency Response Commission, 4714 Mail Service Center, Raleigh, NC, 27699-4714
Attn: Patrick Lake

Haywood County Local Emergency Planning Committee, Waynesville, NC, 27, Attn: Greg Shuping

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Section 3: Spill Scenarios

- I.** Operator hooks up a Sulfuric Acid railcar and the connection or the hose is leaking acid. The resulting spill is 50 to 100 gallons (reportable quantity) of Sulfuric Acid.

Response:

- 1) Stop unloading the acid car. Turn off the valve at the acid car. Push the alarm to alert all employees that there has been a spill. A Material Handler, Lead Operator, or Maintenance personnel are the only individuals responsible for unloading acid at the Waynesville Facility.
- 2) Call 911 immediately and then a Giles-Waynesville Emergency Contact to begin spill reporting process.
- 3) Contain spill if possible.
- 4) Clean up the spilled material by neutralizing with Lime to a pH of 6-7.
- 5) Dispose of spill waste according to NCDEM rules.


- II.** Less than reportable amount (<50 gallons) of Acid is spilled.


Response:

- 1) Contain Spill, clean-up by neutralizing with Lime to a pH of 6-7
- 2) Dispose of the material in accordance with NCDEM rules
- 3) Notify a Giles Emergency Contact.

Section 4: Training

The Plant Manager and Safety Manager have received 40-hour Hazwoper Training and will complete an 8-hour refresher course annually. All emergency response designees will be trained on the Spill Response Plan, Hazardous Communication and Hazwoper Training that is site-specific. This training will allow designees to only respond to spills at Giles Chemical, Waynesville. Designees shall receive training annually and training records will be maintained by the Safety Department.

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Spill Response Plan Action List

Who discovered spill: _____ Date: _____ Time: _____



<u>Calls</u>	<u>Phone Number</u>	<u>Who Called</u>	<u>Date/Time</u>	<u>Notes/Report</u>
Jason Bumgarner (Plant Manager)	828-508-4377	_____	_____	_____
Stacy Lindsey (Safety Manager)	828-400-3729	_____	_____	_____
Deborah Durbin (Dir. Of Safety)	828-734-5285	_____	_____	_____
Matt Haynes (Dir. Of Manufacturing)	828-734-0962	_____	_____	_____
NRC	800-424-8802	_____	_____	_____ *
NCERC/NCDEM	800-858-0368	_____	_____	_____ *
LEPC	911	_____	_____	_____ *
Police/Fire	911	_____	_____	_____
TOW Waste Water	828-452-4685	_____	_____	_____
TOW Public Works	828-456-4410	_____	_____	_____
NCOSHA	800-625-2267	_____	_____	_____
Mountain Environmental	828-648-5556	_____	_____	_____
Other	_____	_____	_____	_____

*Follow-up reports required

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TRAINING DOCUMENTATION

	EMPLOYEE	TITLE	SIGNATURE	DATE
1				
2				
3				
4				
5				
6				
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Revision Number	Revision Date	Revision Author	Revision Description
00	07/01/2008	SL	New Document
01	03/16/2009	SL	Add Reporting Data for Regulatory Agency, Added new header information
02	11/17/10	SL	Rewrote several items in procedure
03	09/15/03	DD	- Revised Procedure to add log sheet and Regulatory Agencies for reporting spills.