

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Chemical Products Spill - Removal Polrep  
Initial and Final Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region IV

**Subject:** **POLREP #1**  
**Initial and Final**  
**Chemical Products Spill**

**Cartersville, GA**  
**Latitude: 34.1519156 Longitude: -84.7832219**

**To:**

**From:** Leslie Sims, OSC

**Date:** 2/9/2010

**Reporting Period:** 2/9/2010

## 1. Introduction

### 1.1 Background

|                                    |  |
|------------------------------------|--|
| <b>Site Number:</b>                | <b>Contract Number:</b>                  |
| <b>D.O. Number:</b>                | <b>Action Memo Date:</b>                 |
| <b>Response Authority:</b> CERCLA  | <b>Response Type:</b> Emergency          |
| <b>Response Lead:</b> PRP          | <b>Incident Category:</b> Removal Action |
| <b>NPL Status:</b> Non NPL         | <b>Operable Unit:</b> Product Recovery   |
| <b>Mobilization Date:</b> 2/9/2010 | <b>Start Date:</b> 2/9/2010              |
| <b>Demob Date:</b> 2/9/2010        | <b>Completion Date:</b> 2/9/2010         |
| <b>CERCLIS ID:</b>                 | <b>RCRIS ID:</b>                         |
| <b>ERNS No.:</b>                   | <b>State Notification:</b> GAEPD         |
| <b>FPN#:</b>                       | <b>Reimbursable Account #:</b>           |

#### 1.1.1 Incident Category

Emergency Response

#### 1.1.2 Site Description

Tank Car at Chemical Processing Plant

##### 1.1.2.1 Location

102 Old Mile Road, Cartersville, GA

##### 1.1.2.2 Description of Threat

Release of 1,000 gallons 50% sol NaOH from tank car onto facility grounds

#### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

- Release contained and confined to facility
- PRP engaged its hazmat team to mitigate and cleanup release
- No offsite impact observed
- Release attributed to ruptured line hose
- Sampling of unnamed creek (tributary of Etowah River) for pH revealed no indication of impact from caustic release.
- No reported injuries due to release

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

The Chemical Products Corporation (CPC) is an active inorganic chemical manufacturer located in Cartersville, GA. Records indicate the business has been in operation since 1933.

On 2/9/2010, in response to NRC report #930838, OSC L Sims was deployed to an incident involving

the release of approximately 4,000 gallons of 50% solution sodium hydroxide from a railroad tank car at the CPC facility. The OSC met with CPC representatives and was given the following information relative to the incident:

- Release occurred around 0430 hrs and was attributed to a line hose that ruptured during offloading operations.
- CPC estimates actual release from 4,000 gallon load was 1,000 gallons.
- Release contained and confined to the CPC property.
- No evidence of offsite impact to surrounding land or nearby unnamed creek (tributary of Etowah River).
- CPC confirmed no release to storm drain as initially suspected.
- CPC hazmat crews responded immediately to the release and was effective in recovering more than 90% of the free product that released and pooled on the ground.
- A containment berm constructed by CPC was effective in preventing offsite migration of the product.
- Excavation of impacted soils from the remaining product is ongoing and expected to be completed within 24 hours.

Following final debriefing, the OSC demobilized from the site. GAEPD will continue as lead oversight of all remaining cleanup activities.

#### 2.1.2 Response Actions to Date

90% free product recovered and staged onsite awaiting recycling  
Soil excavation ongoing and anticipated to be completed within 24 hours  
No offsite impact resulted from release

#### 2.1.3 Identity of Potentially Responsible Parties (PRPs)

Chemical Products Corporation

#### 2.1.4 Progress Metrics

| <i><b>Waste Stream</b></i> | <i><b>Medium</b></i> | <i><b>Quantity</b></i> | <i><b>Manifest #</b></i> | <i><b>Treatment</b></i> | <i><b>Disposal</b></i> |
|----------------------------|----------------------|------------------------|--------------------------|-------------------------|------------------------|
| NaOH                       | liquid onto ground   | 1000                   |                          | recovery/reuse          |                        |
|                            |                      |                        |                          |                         |                        |
|                            |                      |                        |                          |                         |                        |

### 2.2 Planning Section

#### 2.2.1 Anticipated Activities

NFA

##### 2.2.1.1 Planned Response Activities

NFA

##### 2.2.1.2 Next Steps

NFA

#### 2.2.2 Issues

None

### 2.3 Logistics Section

No information available at this time.

### 2.4 Finance Section

No information available at this time.

### 2.5 Other Command Staff

No information available at this time.

## 3. Participating Entities

### 3.1 Unified Command

CPC  
GAEPD  
EPA

### **3.2 Cooperating Agencies**

#### **4. Personnel On Site**

CPC (8)  
GAEPD (1)  
EPA (1)

#### **5. Definition of Terms**

No information available at this time.

#### **6. Additional sources of information**

No information available at this time.

#### **7. Situational Reference Materials**

No information available at this time.