

Carrier

H.V.C.

An Ellis and Evans Group Co.

Cincinnati Cincinnati, Ohio
45246

4600 Dues Dr.
Cincinnati

800-727-7302

To

Lancaster Electro Plating
1546.

Dan
Taylor

Called EPA 12:25 PM

Called POCO 12:39 PM

POCO called back 12:45

sending way mat spec.

(Rosanne Flesch)

POCO called back
gave spec. arrival time

20 bbl. Regular Grade
Caustic Soda

HVC
Trailer

Sodium
Hypochlorite

Potassium
Chloride

Sodium
Hypochlorite

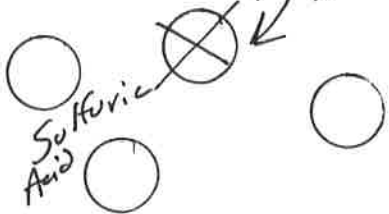
Nitric
Acid
3 bbl.

Muriatic
Acid

Sulfuric
Acid

Sulfuric
Acid

Sulfuric
Acid



leaking
bbl.

Ammonia
4 bbl.

- 3 - LEVEL B SUITS ✓
- 2 - TYVER SUITS ✓
- 3 - RUBBER BOOTS (12, 12, 13)
- 3 - PR PVC/NITRILE GLOVES
- 3 - PR SILVER SHIELD GLOVES
- 1 - PAIL SPILL X -
- 3 - ABSORBENT SOCKS (UNIVERSAL) -
- 2 - POOLS ✓

FAIRFIELD COUNTY SPECIAL OPERATIONS TEAM

Planning Officer Form

CHECK LIST

- Obtain Briefing from Incident Commander
- Assign Planning Assistants as needed
- Maintain List of all Equipment and personnel on the scene
- Diagram area for future training
- Assist I.. with developing action plan

APPARATUS & PERSONNEL LIST

UNIT	NAMES	I.C. & RANK
510	Luke Donner	Chief
8	Mark Crabbe	FF
11	Ron Davis	FF
• 13	Matt Fernel	FF
511	Larry Smith - Mcky Strowser	EMT
5	Mike Wolford	LT
SIX	Amendo Top Personnel	A7FD
	" Tanker & Man Power	
	Clearcreek Squad & Engine Company	
2	Firefighter turnout suits (advance)	
2 pr	" Gloves	
1	40# oil Dig Absorbant	
	Hours on scene	

Fairfield County
Special Operations
Team

Lead Tender/Timer Checklist

Name Dave Price
Incident Location _____
Date 5/5/98 Time _____ Incident # _____
Chemicals _____

Level of Dress-out _____
Suit Type _____ Breakthru time _____
Glove Type _____ Breakthru time _____

WORK TIME

Minimum SCBA pressure 2214 X 1 minute p/100 lbs = 22 Mins.
minus Safety time of 5 minutes. - 5 Mins.
Maximum time in suit. = 17 Mins.
minus estimated decon time. - 2~~4~~ Mins.
Maximum Time in hot zone. = 15 Mins.
minus travel time from Work area to decon area. - 0 Mins.
Maximum Work Time, "on air" to exiting work area = 15 Mins.

Time On Air 12:24 Time To exit Work Area 12:39

Fairfield County Special Operations Team

Lead Tender/Timer Checklist

Name Dave Comer

Incident Location _____

Date 5/5/70 Time _____ Incident # _____

Chemicals _____

Level of Dress-out _____

Suit Type _____ Breakthru time _____

Glove Type _____ Breakthru time _____

WORK TIME

Minimum SCBA pressure 2216 X 1 minute p/100 lbs = _____ Mins.
minus Safety time of 5 minutes. - 5 Mins.
Maximum time in suit. = _____ Mins.
minus estimated decon time. - _____ Mins.
Maximum Time in hot zone. = _____ Mins.
minus travel time from Work area to decon area. - _____ Mins.
Maximum Work Time, "on air" to exiting work area = _____ Mins.

Time On Air 12:24 Time To exit Work Area 12:39

Sulfuric acid spill on St.Rt.22 & 674 5/5/98.

Received call of the spill at above location, Unit 4 went to LFD #3 house to pick up trailer. On truck to scene were Dan Sells, Brad Shull, and Rick Hoffman. Arrived on scene, conferred with Chief 510 as to the situation, relayed as follows; 18 wheel box semi truck with a mixed load , driver thinks sulfuric acid is leaking out of a drum. The driver put some oil dry around the puddle and also put some plastic and earth and gravel over a water drain for security. FD units in turnout clothing enter the trailer and find 1 barrel of sulfuric acid knocked over with 3 slice holes leaking. They upright the container and leave the truck until haz-mat arrives. IC is chief 510, Haz-mat command is Rick Hoffman. I decided to recon the truck so D. Sells started compatibility for suits and other info from CAMEO. Notified PUCO and EPA and gave EMA director updated report. Scott Carnihan is decon officer and decon washer. Recon team in level B dress is Dave Comer and Dave Price. They checked for any more leaking drums and laid down 3 universal absorbents near the rear of the truck and drew a diagram of all the contents of the trailer. Recon team out of truck and washed down. Cleanup team from the trucking company is on the way and also another truck to unload all of the contents. Maintained secure zone until cleanup arrived and when they did we stood by to help them if needed. Before they went in I confirmed that they had the proper training and PPE. When they were finished we cleared the scene.

Bill,

Here is the list of team members at the scene of the 5/5/98 acid spill.

BRAD SHULZ

Rick Hoffman

Dan Sells

Dave Price-----10:30AM-5:30PM = 7 Hrs

Dave Comer-----10:30AM-3:30PM = 5 Hrs

Scott Carnihan----10:30AM-2:30PM = 4 Hrs

*Rick
5/8/98*

FAIRFIELD COUNTY SPECIAL OPERATIONS TEAM

RESEARCH OFFICER DATA SHEET

Name of Research Officer Daniel C. Sells
 Date 5/5/98 Time 10:15^{AM} Address 11970 Cin. - Zanesville Rd.
 Given name of chemical Sulfuric Acid 66'
 synonyms Oil of Vitrol

 Contact **Poison control** at 228 1323 and give basic details.

Contact **PUCO** at 644 5479 if a "transportation" incident

DOT UN # 1830 Hazard class Corrosive CAS # 7664 - 93 - 9

NFPA 704 Health 3 Flamability 0 Reactivity 2 SP no water

Quantity Involved 55 gallon drum amount released 20-25 gallons

I Physical Properties		source pg
Normal Physical State	solid <u>liquid</u> gas	<u>Cameo</u>
Vapor density	<u>3.4</u>	<u>Cameo - EPA 1990</u>
Specific gravity	<u>1.841</u>	<u>Cameo - EPA</u>
Solubility	<u>Soluble in Water</u>	<u>Cameo</u>
Boiling Point	<u>554°F at 760mm</u>	<u>EPA - 1990</u>
Melting/freezing point	<u>50.65°F</u>	<u>Cameo - EPA 1990</u>
Vapor pressure	<u>1mm at 294.8°F</u>	<u>Cameo - EPA</u>
other	<u>Flash / LEL / UEL not applicable</u>	<u>Cameo</u>
notes		

II Toxic Properties		source pg
Inhalation Hazard	<input checked="" type="radio"/> yes no	<u>Camco</u>
Ingestion Hazard	<input checked="" type="radio"/> yes no	<u>Camco</u>
Absorption Hazard	skin: <input checked="" type="radio"/> yes no	<u>Camco</u>
	eyes: <input checked="" type="radio"/> yes no	<u>Camco</u>
IDLH	<u>80 mg/m³</u>	<u>ACGIH</u>
TLV	<u>1mg/m³</u>	<u>ACGIH</u>
notes		

III Flammability Properties		source pg
Flash Point	<u>N/A</u>	<u>Camco</u>
Autoignition Temp	<u>N/A</u>	<u>Camco</u>
LEL/LFL	<u>N/A</u>	<u>Camco</u>
UEL/UFL	<u>N/A</u>	<u>Camco</u>
Toxic bi-products...	<u>N/A</u>	
notes		

IV Reactivity Properties		source pg
Water Reactive	<input checked="" type="radio"/> yes no	
Product reacts violently with...	<u>water, other chemicals</u> <u>wood, organic materials</u>	
notes		

V Corrosive Properties source pg

ph _____ acid base Cmca

Neutralizing Agents Soda Ash, Cement powder

notes

VI Radioactive Properties source pg

Alpha _____

Beta N/A _____

Gamma _____

Type of release gas liquid solid

product is releasing into the air water ground

Recommended Level of initial entry Level A Level B

Level A w/Flash Level B w/firegear

Hot zone _____

Warm zone _____

Cold zone _____

Actions taken Dike + neutralize wait for cleanup crew from Sharonville (HVC)

FAIRFIELD COUNTY SPECIAL OPERATIONS TEAM

RESEARCH OFFICER DATA SHEET

Name of Research Officer DANIAL C. Sells

Date 5-5-98 Time 10:15 AM Address 11970 Cinn-2 Anesville Rd.

Given name of chemical Sulfuric Acid

synonyms Oil of Vitrol

Contact **Poison control** at 228 1323 and give basic details.

Contact **PUCO** at 644 5479 if a "transportation" incident

DOT UN # 1830 Hazard class Corrosive CAS # 7664-93-9

NFPA 704 Health 3 ² ~~no water~~ Flamability 0 Reactivity 2 SP no water

Quantity Involved 20-25 gallons Amount released 20-25 gallons
SS

I Physical Properties	source pg
Normal Physical State	solid liquid gas
Vapor density	_____
Specific gravity	_____
Solubility	_____
Boiling Point	_____
Melting/freezing point	_____
Vapor pressure	_____
other	_____
notes	

II Toxic Properties		source	pg
Inhalation Hazard	yes no	_____	_____
Ingestion Hazard	yes no	_____	_____
Absorption Hazard	skin: yes no	_____	_____
	eyes: yes no	_____	_____
IDLH	_____	_____	_____
TLV	_____	_____	_____
notes			

III Flammability Properties		source	pg
Flash Point	_____	_____	_____
Autoignition Temp	_____	_____	_____
LEL/LFL	_____	_____	_____
UEL/UFL	_____	_____	_____
Toxic bi-products...	_____		

notes			

IV Reactivity Properties		source	pg
Water Reactive	yes no	_____	_____
Product reacts violently with...	_____		

notes			

