

# HAZ MAT OPERATIONS

## FIRST RESPONDER RESPONSIBILITIES

1. Isolate Area and make notifications
2. Etab Command (ICS)
3. Identification and Hazard Assessment
4. Develop Action Plan
5. Ensure PPE / SCBA
6. Initiate Defensive Containment
7. Protective Actions (Shelter in Place)  
(Evacuate)  
(Rescue)
8. Decontamination

## COMMAND

Initiate ICS  
Appoint Safety Officer  
FD is IC on all Incidents Except:  
Fwy (CHP)  
Federal Water Ways (Coast Guard)

### COUNTY RESPONSE

S – Special Equipment  
H – High Degree of Hazard  
I - Identification Unknown  
T – Training Opportunities

## RESOURCES

### **Haz Mat Team:**

Containment/ Control Incidents  
Won't for Decon Only

### **Health Dept:**

Provide Health Hazard Assessments  
Can call Clean Up Contractor  
Becomes IC after Incident is Mitigated

### **FD Investigators:**

Support for Health Dept

### **PD:**

Security and Evacuations

### **Public Service:**

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## RECOGNITION

Exist where there is a release /threatened release  
Look for clues: Occupancy  
Container shapes  
Markers and Colors  
Placards and Labels  
Shipping Papers / MSDS  
Witness / Ill People / Smoke

## IDHA

It is the Key Element of Response  
It determines Size to Type of Decon  
3 sources is the Minimum  
**Use:** Placards / Labels  
Shipping Papers  
Reference Guides / Info Centers  
NFPA 704 Placards  
Computer Data Bases  
Owners / Handlers  
Bus Plans & Inventories  
Other Responders  
MSDS Sheets

## NOTIFICATIONS

If Large enough- State Warning Center & National Response Cntr  
½ mile from a School – School Superintendent

## MITIGATION

Trained in the First Responder Level  
Respond in a Defensive Fashion to Contain if Safe  
**Consider:** What is it? What is the Hazard?  
Availability of Resources?  
Is Containment Safe?  
Containment Slows and Restricts the Spread  
Control Stops the Release

## RESPONSE GUIDELINES

Upwind / Upgrade  
Maintain a safe distance  
Don't travel thru Spills  
Isolate the Spill  
Etab Safety Perimeters  
IDHA  
PPE / SCBA

### **Hazard Assessment Components:**

Health & Fire Hazards  
Physical / Chemical Properties  
Behavior Outcomes  
Conditions  
PPE Needs  
Treatment Needs  
Decon Methods  
Clean Up Procedures

### **Considerations:**

Location  
Time  
Weather  
Size of Problem  
Stage? Still Releaseing?  
Material Changes?  
Container?  
Amount of Material  
Availability of Control  
Agents

## CLEAN UP

Owner / Handler is Responsible  
Property Owner  
Give them a chance to clean it up  
City will clean up as a last resort

## DECON

Prevents the Spread  
LACO & Contractor has Decon Equipment  
Field Decon can be done by FF's  
Run Off should be Contained

Barricades, Sand, ect...

**ISOLATION AND ZONES**



<p><b>Exclusion Zone-</b>  <b>Contamination Reduction Zone-</b>  <b>Support Zone-</b>  <b>Perimeter-</b></p>	<p>Closest to the Release, Chemical PPE Req, Can be large or small Safety Buffer, Decon and Decon Corridor is Placed                  C/P is Located here, Other support functions, Decon is Req to Enter Public Access ends Here, manned by PD</p>
<p>Zones can be adjusted</p>	<p><b>Consider:</b> 1. The Material Involved 4. Time Factors                  2. Population Threatened 5. Weather                  3. Capabilities of FF's 6. Communication W/Public</p>
<p><b>Evacuations:</b> Risk vs Gain                  Traffic Problems                  Provide Safe Refuge                  Notify PD &amp; Red Cross ASAP</p>	

**CONSIDERATIONS**

ICS  
 Safety Officer  
 PPE and SBCA  
 IDHA  
 Limit Number of Personnel to Haz  
 RIC and PM on Standby  
 Decon  
 Still obligated after mitigation  
 Rescues? Risk vs Gain?

**REQUIREMENTS**

Upwind / Uphill  
 Use Proper Distance / Avoid Exposure  
 Isolate the Area  
 Appoint Safety Officer  
 IDHA  
 Req Resources Needed  
 Turn Incident over to Auth Personnel  
 Assure Decon is done  
 Don't transport / Dispose of Haz Mat

**DRUG LABS**

They are everywhere  
 Phosphine Gas a By Product  
 Approach as a Chemical Fire  
 Appoint Safety Officer  
 Use SCBA's  
 Don't Turn Off Power, Switches  
 or Water  
 Police control the Crime Scene

**STORMDRAINS**

Notify LB Public Works if Spill Enters it  
 Notify Health Department  
 Investigators may be called if Business  
 involved

<b>WASTE OIL</b>	Pollutant	Dike it from the Storm Drain Illegal to dump in trash FD can Clear when HD on Scene	Notify LB Health Dept
<b>SPILLED FUEL</b>	Pollutant & Hazardous Waste	Dike it from the Storm Drain Absorbent only if needed	Notify Health Department
<b>ABANDONED DRUMS</b>		Sealed Drums are not an Emergency, Breached Drums must be Evaluated Immediately Abandonment is a Felony,	Health Department, Environmental Investigators, LACO will not respond on Sealed Drums
<b>PAINT</b>	(Oil) Hazardous Waste (Latex) Hazardous Pollutant	Dike it from the Storm Drain Illegal to dump in trash FD can Clear when HD on Scene	Notify Health Department Env. Investigator if Business
<b>BATTERIES</b>	Hazardous Waste	Dike Acid	Notify Health Department Env Investigator
<b>PIPELINES</b>	Hazardous Materials or Pollutants	Dike it from Storm Drains,	Notify LB HD

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			Fish and Game
<b>ASBESTOS</b>	Hazardous Waste	Friable, Carcinogen, Close off Area	Notify LB HD Env Investigator

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