

# HAZARDOUS MATERIALS

## INCIDENT PRIORITIES

- Life Safety
- Environmental Threat
- Property Conservation

## Report on Conditions

- Unit designator / on scene / crew strength
- Address, incident location
  - Safe route of travel or staging location
- Type of occupancy / size
- Conditions
  - Size of leak or spill
  - Life hazard
  - Static or escalating product or situation
  - Values at risk
- Establish command, ICP location
- Crew actions (IDEA, evacuation)
- Water supply (decon)
- Additional resource request if necessary

## INITIAL ACTIONS

- SIN
  - **SAFETY** - Slowly & methodically approach (uphill / upwind / upstream)
  - Maintain a safe distance until hazard assessment is complete and risk confirmed.
  - Recognize the event as either static or dynamic/accident or potential terrorism
  - **ISOLATE AND DENY ENTRY** - control the scene / limit contamination
  - Perimeter control / establish access points
  - **NOTIFY** - Request hazmat response and additional resources as needed (Utilities, Public Works, and PD / CHP).
- CIA
  - **COMMAND THE INCIDENT** - establish Unified Command as needed.
  - **IDENTIFY THE HAZARD** - utilize the ERG / NIOSH handbook / WISER app. Establish contact with responsible party
  - **DEVELOP INCIDENT ACTION PLAN** - Specific to hazards and identified product.
- PCP
  - **PROTECTIVE CLOTHING** - turnouts or chem suits with respiratory protection.
  - **CONTAINMENT** - if possible and safe, attempt to dike, dam, or divert material.
  - **PROTECTIVE ACTION PLAN** - based on current and expected material behavior.

## INITIAL ACTIONS con't

- DDD
  - **DECONTAMINATION AND CLEANUP** – people, clothing, equipment, scene.
  - **DISPOSAL** – of products and cleaning material
  - **DOCUMENTATION** – including First Due reports, exposure reporting, mitigation costs.

## Rapid Extraction Requirements

1. Viable victim (consider exposure time)
2. Full turnouts and SCBA
3. Decon line in place and charged
4. Announce intent to rescue on radio
5. 2 out rescue team in place

## IDENTIFICATION TOOLS

- Apparatus:
  - WISER, CAMEO, ERG, NIOSH Chemical Handbook, Jane's Chem Bio, QRae
- Incident
  - DOT Placards, 704 placards, SDS
- People on scene
  - Responsible party, facility rep, driver/operator

## DOT GUIDEBOOK REVIEW

- **YELLOW-BORDERED PAGES** – ID guides by 4 digit number, followed by ERG guide and name. assigned emergency response guide and name.
- **BLUE-BORDERED PAGES** – ID goods by name, followed by ERG guide and number.
- **ORANGE-BORDERED PAGES** – Identifies isolation and protective action distances.
  - Information for the orange bordered section appears in the following order:
    - Potential hazards (fire / explosion)
    - Public Safety (evacuation)
    - Emergency response (fire and spill precautions/first aid)
- **GREEN-BORDERED PAGES** - 4 sections that contain 3 tables listing evacuation distances (based on night / day) for identified toxic inhalation hazards.

## Haz Mat Team Cell Numbers

- AFR HM6 Cell- (714)620-6256
- 40 hour Haz Mat Section- request thru Metro
- HBFD HM 46 Cell- (949)466-2841
- OCFA HM 20 Cell- (657)610-9996
- OCFA HM 79 Cell- (714)448-6573
- OC Health-(714)628-7008

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