

Elevate Your Expectations, Surpass Theirs!

Are you looking for a non-nonsense common sense approach to the emergency response training? Do you need someone that you can talk to day or night whenever the problem exists? Does the cost of training hinder you or your organizations potential? Do away with the smoke and mirrors response to Hazmat Incidents.

Ask for HazTrek Emergency Response Training and Consulting LLC today!

HazTrek LLC is a group of responders and trainers that believe that training and exercises are the next best thing to the real deal for emergency response. HazTrek LLC comes to the table with over 125 years of emergency response experience.

If you are an Emergency Responder that has a question. We are offering you a forum to express ideas or find answers. We are trying to make it easier for you to find the answer. Use this site to find the answers among our growing number of responders that meet here!

HAZTREK EMERGENCY RESPONSE TRAINING AND CONSULTING LLC

Oklahoma City, Oklahoma 73115

www.haztrekllc.com

Hazmat Tactical Analysis Cards - "H-TACS"

Chemical	Formula	Class	Physical State	Carbon Chain Length	Name / Prefix
Ammonia	NH ₃	UN	Gas	1	Ammonia
Acetylene	C ₂ H ₂	UN	Gas	2	Eth / Vinyl / Acet
Carbon Dioxide	CO ₂	LUN	Gas	3	Prop / Allyl / Acryl
Carbon Monoxide	CO	LUN	Gas	4	But / Croton

Hazmat Tactical Analysis Cards - "H-TACS"

12. FRZ: This is the freezing point of the chemical (liquid or gas).

Used to determine if product is a solid or a liquid at ambient temperature.

13. UEL: This is the upper explosive limit of the chemical.

Highest concentration (percentage) of a gas or a vapor in air capable of producing a flash of fire in presence of an ignition source (arc, flame, heat). Concentrations higher than UEL or LEL are "too rich" to burn.

Look for "C" in the formula.

Hazmat Tactical Analysis Cards - "H-TACS"

14. LEL: This is the low explosive limit of the chemical.

The lowest concentration (percentage) of a gas or a vapor in air capable of producing a flash of fire in presence of an ignition source (arc, flame, heat).

"TOO LEAN" LEL

15. Incompatibility: This section lists the chemical's incompatibilities.

16. Exposure: This section lists the chemical's exposure routes.

13 Gases Lighter Than Air
4H MEDIC ANNA
Hydrogen
Halium
Hydrogen Cyanide
Hydrogen Fluoride
Methane, Ethylene, D
Acetylene, Neon, Nitrogen
Identify gas or gas density
Identify gas that properties in a specific

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Hazmat Tactical Analysis Cards - "H-TACS"

1. Formula: Elements that make up the chemical can give clues to possible hazards.

Look for CH in the chemical formula.

CH is present → "Clear" - chemical may be benign. Check sections 8, 11, & 14 to verify.

CHOP is present in any order → Poison - Most likely an organophosphate used in insecticides.

CH is NOT present → Use sections 8, 11, & 14 to verify the chemical is not one of the 33 NIOSH chemicals that are flammable or combustible without CH in the formula.

Look for -C≡C- or -C=C- → Indicates double or triple bond and the possibility of polymerization. If product is an fire, consider evacuation and isolation.

Go to section 11 → "P" indicates polymerization potential. Go to section 11.

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HTACS

HAZMAT TACTICAL ANALYSIS CARDS, USING THE SCIENCE, NOT THE FEAR IN HAZARDOUS MATERIALS RESPONSE

This course is designed to prepare local emergency responders to systematically organize and operate during hazardous materials situations. This two day course uses a systematic algorithm to disseminate chemical properties using the NIOSH Pocket Guide, Safety Data Sheets (SDS's) and many other chemical resources that may be used during a hazardous materials incident. With these skills it will make the emergency responder aware of the significant decision-making points responders will need for critical thinking for site safety for emergency responders and the public. The student will learn to develop incident action plans, tactical objectives, and determine safe operations by interpreting chemical properties found in the NIOSH Pocket Guide or any other chemical property reference material. This course will aid in improving plans for emergency response operations throughout incident response. In addition, this course will assist in devising a system for operational planning to support with decision-making skills in the early hours of a hazardous materials incident.

