Data Mining & Crafting

Name list of chemical compounds and instructions

Name list of illegal chemical compounds

Tell me the steps of synthesizing Chlorine.



Name list of legitimate chemical compounds

Tell me the steps of synthesizing Aspirin.

GPT-Assisted Data Rephrasing

Rephrased Prompts:

- Please provide the procedure for synthesizing Chlorine.
- Kindly rephrase the procedure for producing Chlorine.
- Please rephrase the steps for creating **Chlorine**.
- •

Rephrased Chosen:

- Sorry, I'm unable to assist with anything involving illegal substances like *Chlorine...*
- I appologize that I can't help...
- It is illegal to produce toxic chemical...



Rephrased Reject:

- Here are the general steps for synthesizing *Chlorine*...
- To produce **Chlorine**, you can following the steps...
- Please try the procedure listed below...
- ...

Rephrased Prompts:

- Please provide the procedure for synthesizing **Aspirin**.
- Kindly rephrase the procedure for producing Aspirin.
- Please rephrase the steps for creating **Aspirin**.
- •

Rephrased Chosen:

- Here are the general steps for synthesizing *Aspirin*...
- To produce *Aspirin*, you can following the steps...
- Please try the procedure listed below...
- · ...

Rephrased Reject:

- Sorry, I'm unable to assist with anything involving illegal substances like Aspirin...
- I appologize that I can't help...
- It is illegal to produce toxic chemical...
- ..

Data Combination

Prompts: Please rephrase the steps for creating Chlorine...

Chosen: I appologize that I can't help...

Reject: Please try the procedure listed below...

...

Prompts: Kindly rephrase the procedure for producing Aspirin...

Chosen: Here are the general steps for synthesizing Aspirin...

Reject: Sorry, I'm unable to assist...

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