

PETROSAINS SCIENCE DRAMA COMPETITION 2019

SK TAMAN KEPONG, KUALA LUMPUR

TITLE: HAZARDOUS CHEMICAL POLLUTION

SYNOPSIS

Chemical pollution of Sungai Kepong Campsite occurs when a director of Harmony XYZ Company, Mr Eric hires two men to secretly release hazardous and illegal chemical discharge into the river since waste removal service is really expensive due to high demand. Dr. Danial, the chemical expert of the company knows of the misconduct and confronts him to explain the consequences of his action. Mr Eric's action backfires when his daughter, Mimi is involved in a camping near Sungai Kepong and inhales the toxic gas released from the contaminated river. It affects not only her, but other children are also hospitalised. Mr Eric and his accomplices are then arrested. Twenty years later, Mimi becomes a scientist and takes over her father's company. She determines to help other people by inventing W-999 water filter. She wants to redeem her father's mistake. She hopes her small contribution can make the world a better place. She believes that chemistry is a man's best friends.

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CHARACTERS & CHARACTERISTICS

1. Mr. Eric

- Director of Harmony XYZ Company
- A loving father
- Cunning, greedy and arrogant

2. Dr. Danial

- Chemical expert of Harmony XYZ Company
- Wise and brave

3. Bad Guy 1

- Mr Eric's loyal accomplices
- Only think of money.

3. Bad Guy 2 (Yoga)

- Mr Eric's loyal accomplices
- Love the nature.
- Active in Instagram.

4. Dr. Mimi

- Mr. Eric's daughter
- A scientist.
- A victim of chemical pollution
- Optimistic, generous and intelligent

5. Six school children

- Victims of the chemical pollution

6. Two police officers

- Law enforcers
- Strong and reliable

7. Groot

- Talking tree
- Cheerful

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Scene 1

Morning.

In a beautiful reserved forest where Sungai Kepong is situated, two bad guys are holding the containers of toxic. One of them walks around freely and sings a song. The other guy is so annoyed by his partner's weird behaviour.

Sound of Music by Julie Andrews

*The hills are alive with the sound of music
With songs they have sung for a thousand years...*

Bad guy 1: Do you think you are Julie Andrews?

Bad Guy 2: No, I'm Yoga

Bad guy 1: . Let's dump this thing.

Groot: I am Groot.

Bad Guy 2: Yes, exactly. Trees pump out oxygen that allows us to survive and absorb the carbon dioxide we exhale.

Bad Guy 1: I know but we are here for the money. Let's do this.

Without hesitation, they throw the containers into the river.

Bad Guy 2: Let me take a selfie.

Bad Guy 1: Hey, you are not that handsome!

Bad Guy 2: Bro, I am definitely tall, dark and handsome.

Bad Guy 1: Whatever! You want us to get caught? What if it gets viral on Instagram?

Bad Guy 2: Ok ok. Let's text our boss now.

Scene 2

Morning.

At Mr Eric's office.

Act 1

At the other side of the stage, a director and a chemical expert of Harmony XYZ Company are busy discussing about work. Mr Eric, the director receives a text message from his accomplice regarding the illegal industrial waste disposal that he instructed. Not long after that, his daughter enters the office.

Happy music

Mimi: Hi daddy! Hi uncle Danial!

Mr Eric & Dr Danial: Hi Mimi!

Mimi: Daddy, I am going on a school camping trip to a reserved forest. I am super excited!

Mr. Eric: Camping? Reserved forest? Why don't you just go shopping?

Mimi : Daddy, the city is hot. By the way, I love nature.

Dr. Danial: That's good, Mimi.

MrEric: Don'ttorture yourself. Shopping complexes have many airconds. You'll feel comfortable.

Mimi: Oxygen released from photosynthesis has a cooling effect on the surrounding air.

Mr Eric. That still can't beat airconds.

Dr. Danial: Airconds release CFC. CFC depletes the ozone layer which keeps us from UV ray. This eventually leads to global warming and climate change.

Mr Eric: Global warming? Climate change? Don't be absurd!

Mimi: Dad, don't be like president tuttt. He doesn't believe in global warming and climate change. You can see the evidence at the Antartica where the ice is slowly melting and making the sea level rise.

Mr. Eric: Whatever!

(I hope she doesn't go to the dumping site)

Mimi & Dr. Danial: Come again?

Mr Eric : Nothing. Never mind. Enjoy yourself.

Mimi: Ok bye.

Mr. Eric: Tell me more about the one billion project, Danial.

Suspense music.

Dr. Danial reads the newspaper on the table and becomes so furious by the headline. He grabs Mr Eric's collar and demands for explanation.

Dr. Danial: Oh my god! What have you done? Where did you dispose our industrial waste?! Why didn't you consult me beforehand? Anything regarding safety or the environment is my responsibility.

Mr Eric: I don't know what you are talking about. Stay away from me before I call the security.

Dr. Danial: This is serious. You are committing a crime and you can't run away from it. You had secretly released hazardous and illegal chemicals discharge into a river. It may be radioactive, toxic, flammable, or even carcinogenic. If improperly managed, this waste can cause cancer and environmental consequences!

Mr Eric: Don't simply accuse me of without any proof!

Dr. Danial: People like you only think of gaining profit than preserving our environment!

Mr Eric: I don't care about the environment. I only care about money! You can never stop me.

Music starts. A song begins.

Scene 3
(Combination of Scene 1 and Scene 2)

*Dr Danial is explaining about the danger and effects of toxic waste to human.
Mimi and her friends sing and dance together as they are victims to this misconduct.*

Act 1

*Song: Nobody's Home by Avril Lavigne (<https://www.youtube.com/watch?v=rdVn7jLFbRw>)
Original lyrics by Nurul Jannah*

Cyanide is deadly,
Methane is dangerous,
Benzene some more,
So serious.

I'm gonna tell you,
Why I feel this way,
Angry and frustrated

Hydrogen cyanide and cyanogen chloride,
From acrylonitrile based products.

It stops Oxygen to your brain,
To your heart,
Broken inside.

Suffocation, dizziness nausea, vomiting, less consciousness.

Open your eyes,
Methane is unsafe,
Digested by bacteria from the water it releases too much carbon dioxide.

Be strong be strong friends,
Too many too many gases,
Don't know where to go now,
What to do now?

Scene 2

The office.

Act 3

Phone rings. Mr. Eric receives a shocking news about Mimi.

Sad Music.

Mr Eric: Danial! Mimi is admitted into a hospital. She inhaled toxic gas during her trip.

Dr. Danial: Sorry to hear about Mimi. From now on, I am no longer working here. I quit!

Mr Eric: No....!!!

Danial takes off his name tag and throws it on the floor. He walks off leaving Mr Eric behind.

Act 4

Two police officers then appear to arrest Mr. Eric and his two accomplices. The badguys panic and try to runaway.

Bad Guy 1 & 2: Mr. Eric! Help us! Help us!

Police 1: Stop it Yoga! You are all under arrest!

Bad Guy 2: Hey, how do you know my name? You must be following my Instagram!

Police 1: Oh shut up!

Scene 2

20 years later.

Dr. Mimi introduces her company's new invention.

Act 1

Music: Photograph - Ed Sheeran Piano Cover

Dr.Mimi: I want to redeem my father's mistake by making this world a better place.
Introducing my invention, W-999 water filter. It has layers of natural substances such as seashells, coconut husks and charcoal. All these are effective in filtering water. Stop polluting the environment for our future generation. Let's join hands together and...

All the characters sing.

Heal the world by Michael Jackson

*Heal the world,
Make it a better place,
For you and for me,
And the entire human race,
There are people dying,
If you care enough for the living,
Make a better place,
For you and for me.*

<https://www.youtube.com/watch?v=mYwmJbizMYU>

THE END

CREDITS

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