

Pharmaceuticals waste management

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What's pharmaceutical waste?

Pharmaceutical waste is any waste that contains medicinal drugs that are expired, unused, contaminated damaged, or no longer needed.

Why is it important to manage pharmaceutical waste?

Special care and precautions must be taken when handling and disposing of pharmaceutical waste due to its dangerous nature. Because of this, pharma waste needs to be purified properly and treated to breaks down the complex chemicals to make them safe.

From where the pharmaceutical waste is produced?

1. Pharmaceutical Manufacturing Plants
2. Health Care Institutions and Extended Care Facilities
3. Personal Care Product Manufacturers
4. Veterinary Offices



- Types of pharmaceutical waste

1. Chemical waste (liquid or solid)
2. Brocken Glasses
3. Clinical waste
4. Ordinary waste
5. Electronic waste
6. Sharp waste



How to Properly Dispose of pharmaceutical waste?

Step 1: Segregate pharmaceutical waste from bio hazardous waste.

Step 2: Pull out all controlled substances.

Step 3: Pull out any trace chemotherapy waste.

Step 4: Pull out any hazardous waste.

Step 5: Package what's left.

Step 6: Contract with a licensed biomedical waste disposal service.

Conclusion

Environmental pollution and dangers to human health can be reduced significantly today and in the years to come if pharmaceutical waste management policies are efficiently worked.

- References

- 1- <https://usbioclean.com/pharmaceutical-waste-disposal-guide/>
- 2- <https://www.ercofusa.com/blog/types-of-pharmaceutical-waste/>
- 3- <https://www.businesswaste.co.uk/pharmaceutical-waste/>

