



# NTEF<sup>®</sup>

National Toxic Encephalopathy Foundation

NTEF-USA.Org

*“The environment impacts everyone from gestation to geriatrics.”*

NTEF-USA.Org  
Info@NTEFUSA.Org

Stay connected  
with the NTEF

POB 29194  
Las Vegas, NV 89126  
702/490-9677

## **What is Encephalopathy?**

From the National Institute of Neurological Disorders and Stroke a division of the National Institutes of Health:

“Encephalopathy is a term for any diffuse disease of the brain that alters brain function or structure. Encephalopathy may be caused by infectious agent (bacteria, virus, or prion), metabolic or mitochondrial dysfunction, brain tumor or increased pressure in the skull, prolonged exposure to toxic elements (including solvents, drugs, radiation, paints, industrial chemicals, and certain metals), chronic progressive trauma, poor nutrition, or lack of oxygen or blood flow to the brain.”

## **About NTEF**

NTEF’s core purposes are to provide education and services surrounding the adverse effects of everyday chemicals and toxins in our environment.

It has been proven that chemicals and radiation have a direct effect upon the brain whether during pregnancy, childhood, or adulthood. Chemicals such as pesticides, cleaning products, building materials, vaccines, perfumes, air fresheners, fragrances, mold, as well as electro-magnetic radiation and smart meters are most likely causing you harm.

Whether we ingest, inhale or apply them, chemicals affect both humans and the environment. Only through knowledge we will be able to make more informed decisions regarding our health and the health of others. Almost every company now is using less toxic ingredients because the public is demanding such.

## **Effects of Exposure**

Think of Toxic Encephalopathy as the top spoke of an open umbrella. The spokes underneath are conditions such as ADD/ADHD, Autism, Parkinson’s, Gulf War Syndrome, Chronic Fatigue Syndrome, Toxicant Induced Loss of Tolerance, and Fibromyalgia to cite a few.

Each of these conditions are now showing some type of environmental and/or chemical associated causation/exacerbation. Avoidance of exposures is critical to your health and the health and welfare of others.

## What is Neurotoxicity?

From the National Institute of Neurological Disorders and Stroke a division of the National Institutes of Health:

"Neurotoxicity occurs when the exposure to natural or manmade toxic substances (neurotoxicants) alters the normal activity of the nervous system. This can eventually disrupt or even kill neurons, key cells that transmit and process signals in the brain and other parts of the nervous system.

Neurotoxicity can result from exposure to substances used in chemotherapy, radiation treatment, drug therapies, and organ transplants, as well as exposure to heavy metals such as lead and mercury, certain foods and food additives, pesticides, industrial and/or cleaning solvents, cosmetics, and some naturally occurring substances. Symptoms may appear immediately after exposure or be delayed. They may include limb weakness or numbness; loss of memory, vision, and/or intellect; headache; cognitive and behavioral problems; and sexual dysfunction. Individuals with certain disorders may be especially vulnerable to neurotoxicants."



## Children & Chemical Disorders

Chemical exposure in children manifests itself in diagnoses such as ADD/ADHD. Childhood asthma is on the rise and is exacerbated by Volatile Organic Compounds in both their homes and schools, which should be safe environments.

Doris J. Rapp, MD, world-renowned pediatric allergist and recipient of numerous humanitarian awards, has been studying and treating environmentally-ill children for decades. Once testing identifies the offending chemicals, and proper precautions are taken, decline of symptoms is highly observed.

Every parent and educator should become informed on the effects of environmental chemicals upon children. The best resource for this can be found at Dr. Rapp's website: [drrapp.com](http://drrapp.com).

### Adverse Effects & Items of Concern

We spend over 90% of our time indoors and the indoor air is more polluted than the external air, according to the US Environmental Protection Agency.

The following are effects from chemical exposure:

- Thyroid issues, especially hypothyroidism (low thyroid function)
- Infertility
- Children reaching maturation at an alarmingly early age
- Obesity, which is related to endocrine disruptor exposures from the plastics food is wrapped in and personal care products
- Issues with fetal development, also from endocrine disruptor exposures

Items of concern:

- Air fresheners have harmful, carcinogenic chemicals such as formaldehyde
- Dryer sheets contain chloroform and benzyl acetate as ingredients, which can be carcinogenic, neuro-toxic and respiratory irritants
- Building materials such as paint, varnishes, carpeting, drywall all release chemicals into the home that increase the body's total toxic load
- Particleboard or presswood furniture releases formaldehyde into the air and takes years to off gas

### How to Make Your Own Safer Products:

<http://greatist.com/health/27-chemical-free-products-diy-spring-cleaning>

"A wise man ought to realize that health is his most valuable possession." Hippocrates