

## PUBLIC HEALTH ALERT

### FDA Allows Dangerous Oil Dispersant Ingredient in Nation's Food Supply: **PROPYLENE GLYCOL**



### The Gulf spraying of "COREXIT 9500"

The Gulf of Mexico oil spill began on April 20, 2010 when the Deepwater Horizon offshore oil drilling rig operated by BP (known as 'British Petroleum' until 2000) exploded and sank. Oil began leaking at a rate eventually estimated at 2.5 million gallons per day, resulting in massive environmental degradation. The US federal government under-reported that 206 million gallons of crude oil leaked before the spill was 'stopped' on July 15. The blowout killed eleven workers. Despite the known toxicity of the dispersant Corexit 9500, the Obama administration & BP have dumped 40million gallons of the hazardous chemical into the Gulf of Mexico with C-130 aircraft provided with taxpayer dollars by the Coast Guard and US Air Force.

As the warnings on MSDS (Material Safety Data Sheet) reveal, one of the three main ingredients for Nalco's Gulf oil dispersant is:

### **PROPYLENE GLYCOL**



**Question:** Why is this dangerous oil dispersant ingredient propylene glycol- so widely used though out the Gulf oil spill region - also being widely used as an ingredient in your cosmetics, shampoos and the food supply including Burger King products?



### The Deepwater Horizon oil rig exploded on April 20 off the Louisiana coast



Manufactured by:  
**Nalco Energy Services LP**  
of Sugar Land, Texas.

**Corexit 9500 MSDS downloaded here:**  
[www.lmrk.org/corexit\\_9500\\_uscueg.539287.pdf](http://www.lmrk.org/corexit_9500_uscueg.539287.pdf)

### Gulf Dispersants: BP & Nalco Play Toxic Roulette - by Terry Allen, July 19,2010.

In the months since the Deepwater Horizon drilling rig exploded, and the well beneath spewed millions of gallons of crude into the Gulf of Mexico, BP has been accused of moving too slowly to clean its gigantic mess. Shortly after the accident, BP began applying vast quantities of chemical dispersants in an effort to break up the torrent of oil from the mile-deep blowout. By mid-July, BP had released up to 40 million gallons of the dispersant Corexit. BP and Corexit manufacturer Nalco claim that the chemicals would reduce the impact of the spill on coastal environments. Their lobbyists and corp. executives say that the chemical is not only essential, but as harm-less as dish soap. But a fundamental question lingers like the petro-chemical smell over the gulf: Is Corexit doing more harm than good? Dispersants, all agree, don't lessen the amount of oil in the environment. Rather, they break it into tiny drops that have different, but not necessarily less toxic properties.

**"[Dispersants] make the oil more soluble in water, so it won't just sit on the surface,"**

Jackie Savitz, senior scientist with Oceana told

CNN. "Whether that's good or bad depends on whether you're a fish or a seabird." But whether or not the dispersants work as promised, they are effective in other ways, critics charge. By breaking the peanut-butter thick sludge into tiny droplets, Nalco's Corexit has made the oil less visible, thereby disguising the full environmental impact of the spill, and helping BP limit its legal and financial liability. (Note: **Nalco board member Rodney F. Chase, is ALSO a 40-year veteran of BP, most recently as a managing director and deputy group chief executive...hhhhmm**)

The availability of dispersants also gives the oil industry COVER, by allowing it to assure government agencies and the public that in the "unlikely" event of a spill, there is a quick, safe fix. BP has continuously downplayed the actual volume of oil released. On May 1, two Pentagon C-130 Hercules aircraft were employed to spray oil dispersant, Corexit 9500 and 9527. Dispersant information, however, was "kept secret under competitive trade laws." BP used two dispersant formulations in the gulf - **Both contain PROPYLENE GLYCOL, used in anti-freeze, de-icers, detergents, even in foods!**



While state and federal agencies have been testing gulf seafood for oil, no govt. agency is conducting chemical testing for the presence of these dangerous dispersants. As with most chemicals used in the U.S., most of the research data on Corexit comes from industry rather than independent research. In 2009, the nonpartisan Government Accountability Office criticized the EPA for failing to adequately assess risks from thousands of toxic chemicals. Numerous Corexit formulae including 9527 and 9500 were applied to the Alaska shore after the 1989 Exxon Valdez tanker disaster. Their efficacy in cleaning up the oil was limited, and the Alaska Community Action on Toxics later linked the chemicals to human health impacts including respiratory, nervous system, liver, kidney & blood disorders.

*"Under current law, only a few short-term aquatic toxicity tests of dispersants are required*

*... and the EPA is not mandated to assess the safety of dispersants or their ingredients,"* charged the non-profit environmental coalition, **Safer Chemicals, Healthy Families.**



In addition to concerns about the safety & efficacy of the dispersants themselves is evidence that the interaction of the dispersants and oil creates a toxic synergy **WORSE THAN** any of the ingredients alone. A 1999 report on Corexit 9500 for the Alaska Department of Environmental Conservation Division of Spill Prevention & Response found that under some conditions: **"Following dispersant use ... the toxicity of the resulting oil residue (on an oil mass basis) may be INCREASED."** The dangers of offshore use in the Gulf of Mexico include killing fish larvae - including those of imperiled Atlantic bluefin tuna which spawn in the region - threatening filter-feeders, & disrupting the viability of the region's ecosystem by destroying organisms low on the food chain that sustain larger marine creatures. Environmentalists are warning that North America will face years of toxic rain because of the highly toxic dispersants that BP used to 'hide' the Gulf oil. Because it's so poisonous to sea life, the United Kingdom's Marine Mgmt. Org. has BANNED its use offshore.

**"We're basically rolling the dice with the use of chemical dispersants in the Gulf"**

- Richard Denison,  
Scientist for the Environmental Defense Fund

### **"COREXIT RUPTURES RED BLOOD CELLS"**

"Toxicologists are saying that Corexit is much more harmful to human health and marine life than we've been told. Specifically Gulf toxicologist Dr. Susan Shaw – Founder and Director of the Marine Environmental Research Institute - told CNN: *"If I can tell you what happens — because I was in the oil — to people...Shrimpers throwing their nets into water... [then] water from the nets splashed on his skin. ...[He experienced a] headache that lasted 3 weeks... heart palpitations... muscle spasms... bleeding from the*

rectum...And that's what that Corexit does, it ruptures red blood cells, causes internal bleeding, and liver and kidney damage. ...Very, very toxic and goes right through skin. The reason this is so toxic is because of these solvents [from dispersant] that penetrate the skin of anything that's going through the dispersed oil takes the oil into the cells — takes the oil into the organs...and this stuff is toxic to every organ system in the body."

-Prisonplanet.com | July 10, 2010

The sheer inhumanity of the petrochemical-military-industrial-complex Gulf operation and warfare on Americans using its dispersant chemical weapon of mass destruction manufactured in the US, becomes more apparent each passing day. There are entire Louisiana communities where people are bleeding internally. There are entire communities along the Gulf coast and in south Louisiana where, "they are vomiting blood and passing blood when they go to the bathroom...People are very sick...Very, very serious situation here."

The military and EPA have been working on chemicals for dispersants for decades. **This cannot be attributed to negligence.** On July 12 2010, Deborah Dupre (of the Human Rights Examiner) reported, "Chemical warfare on Americans in the Gulf Coast region and beyond has been planned and researched by the EPA, DoD and petro-chemical companies for decades according to government documents." EPA adviser and whistleblower, Hugh Kaufman stated that millions of people would experience internal bleeding because "that is what Corexit is supposed to do!"

This inhumane treatment of Americans is by design. The deliberate aerial poisoning of Americans with a chemical weapon of mass destruction now obvious in the Gulf of Mexico and coastal region is not only an act of war on the American population, as the poisoned waters and air circumvent the planet, this is a national security risk to nations throughout the world! These acts are part of the UN **Agenda 21**, including relocation, taking over the land, full control of survivors – **ALL BY U.N. DESIGN!**



### THE LATEST SOFTKILL WEAPON - IN YOUR FOOD

"My people are destroyed for lack of knowledge..." – Hosea 4:6

"**Propylene Glycol** - a colorless, viscous, hygroscopic liquid CH<sub>3</sub>CHOHCH<sub>2</sub>OH, used in anti-freeze solutions, in hydraulic fluids, and as a (toxic) solvent, also called propanediol (which is propane)." - **Am. Heritage Encycl. Dictionary**



**Material Safety Data Sheet (MSDS)** warns users to **avoid skin contact** with Propylene Glycol (PG) as this **strong skin irritant** can cause liver abnormalities and kidney damage.

PG is used in: anti-freeze, brake & hydraulic fluid, de-icers, paints and coatings, floor wax, laundry detergents, inks and dyes and plastic cellophane wrap.

But did you also know that this industrial applicant (PG) is also found in pet foods, personal care items, cosmetics, toothpastes, hair shampoos and conditioners, deodorants, body lotions and hair gel! It is also used as a preservative in flavored coffees. The question you should be asking is ....What's anti-freeze doing in my shampoos, deodorants, cosmetics, lotions and toothpaste and food? Yes, the main ingredient in oil dispersant, as well as anti-freeze, is also in all these other products as well! **Shocked? ... YOU SHOULD BE!** You need to understand what it could do to your health... PG is present in many stick deodorants, often in heavier concentration than in most industrial applications. (Dr. Vin Nyack, Ph.D., Biochemist). And Propylene Glycol is what is used to carry the "active" ingredients in those transdermal skin patches INTO the human body - YOUR BODY!

**Propylene Glycol** (PG, Polyethylene Glycol (PEG), and Ethylene Glycol (EG) are all petroleum derivatives that acts as solvents, surfactants, and wetting agents (or 'humectants'). They can easily penetrate the skin of humans, animals and sea creatures. It weakens the protein and cellular structures causing organ ruptures and blood hemorrhaging. In fact, PG penetrates the skin so quickly that the EPA warns factory workers to

### AVOID skin contact, to prevent brain, liver and kidney abnormalities.

Propylene Glycol serves as a **Humectant** – a substance that helps retain moisture content, or simply –it prevents things from drying out. That's why some pet foods are soft and chewy. This, of course, is a good reason it's in cosmetics and other personal care items. Propylene Glycol is also found in baby wipes and even many processed foods! BURGER KING adds PG to their icing pack for their morning cinnamon rolls! Behold -

### **Go Ahead, check ALL your food labels!**

It will make your skin feel moist & soft, including **Little Debbie** snack muffins from drying out for **longer shelf life!**



In 1938, the FDA grandfathered the use of several ingredients as safe for personal care items, with restrictions of course. Based on what? There were no studies on repeated exposure over time. But today's MSDS sheets give the following warnings: "May be harmful by INGESTION or skin absorption. May cause eye irritation, skin irritation. Chronic exposure can cause gastro-intestinal disturbances, nausea, headache and vomiting, central nervous system depression." ("Toxicological profile for ethylene glycol and propylene glycol (update)."



-**Agency for Toxic Substances and Disease Registry,1996.**

### Why isn't this warning on your food labels??

The problem is propylene glycol is absorbed through the skin as the Gulf coast residents are discovering which is causing internal bleeding, but what is NOT being told to Americans is that



they are ingesting this toxic PROPANE derivative when they eat many of their favorite processed foods, such as **Emeril's Bam Barbeque sauces** and popular cake mix brands: **Martha White** Quick & Easy Biscuits Mix; **Bettie Crocker** Super Moist Devil's Food Cake Mix; and **Paula Deans** Homestyle Moist Yellow Cake. Studies have shown **SYSTEMIC retention** - YES, these complex chemicals

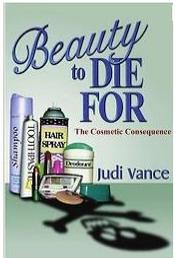
build up in your body! Other side effects on animals exposed to PG include heart arrhythmia, stunted growth, decreased blood pressure, even death.

In the book "**Beauty to Die For - the Cosmetic Consequence**" by Judi Vance gives the following:

"Propylene glycol is one of the most common humectants... has also been linked to sensitivity reactions -- local irritations, allergic reactions and many severe health problems including contact dermatitis (irritation), blistering, auto toxicity, kidney damage and liver abnormalities. This would not be news to the manufacturers of propylene glycol..."

PG was found to cause skeletal muscular damage in rats and rabbits (Pharm Res Sept. 1989);... to directly alter cell membranes (Human Reproduction, Feb 1990) to cause thickening of the skin, skin dehydration and chronic surface damage to skin ( Derm. Beruf Umwelt July/Aug, '88)

Once again, the US Food & Drug Administration has failed the American people, allowing dangerous toxins into the nation's food supply even without any proper warning labels. From Vitamin D3, to aspartame, to propylene glycol, it's time people refuse these chemical weapons being used to fulfill a UN depopulation agenda!



"only a remnant will be saved" –Romans 9:27

**REMNANTOFYHWH.com**  
c/o PO Box 2453 (non-domestic)  
Abilene, Texas [USA-79604]

