



## Potassium Iodate - 85mg or 170mg

Potassium Iodate ( $KIO_3$ ) is a superior form of KI. Potassium Iodate will shield (or block) the Thyroid and prevent it from absorbing radioactive Iodine.

- Each factory-sealed bottle contains 90 fresh tablets of Potassium Iodate 85 mg or 60 fresh tablets of Potassium Iodate 170mg.
- Because of the extra molecule of oxygen in Iodate, the shelf life of Potassium Iodate is exceptional.
- Medical Corps recommends that each family member should have at least one bottle in their kit. Youngsters are extremely susceptible to thyroid cancer after exposure to radioactive contamination.
- Unlike other blockers, this is NOT government surplus 130-mg tablets of KI (potassium iodide).

The latest news indicates that Nuclear Power plants, over 100 in our country, could be at risk from a terrorist attack. Couple this with the Chernobyl reactor incident in April 1986 in Russia and the Fukushima reactor incident in Japan in March 2011; both of which unexpectedly released radioactivity into the air, ground and water. A radiation leak from any one of these plants could be carried downwind for hundreds of miles, potentially poisoning thousands or even millions of people in large population areas. Unfortunately, a Nuclear Power Plant has over 100 times more radioactive materials than an Atomic Bomb, which can be released as fallout. One of the most abundant components released is Radioactive Iodine 131 that is then carried downwind for hundreds of miles. Thyroid cancer attributable to Chernobyl has been documented more than 300 miles from the accident site.

Very small amounts of inhaled or ingested Radioactive Iodine can do serious damage because it will always be absorbed and held in the thyroid gland. Eventually, by absorbing a large amount of radiation in the thyroid, abnormalities are likely to result, such as nodules in the thyroid, loss of thyroid function, or thyroid cancer. Taking Potassium Iodate ( $KIO_3$ ) in the event of fallout will saturate a person's thyroid gland with stable ("good") iodine, so the thyroid cannot absorb the Radioactive Iodine. Because the thyroid is saturated with the "good" Iodine, then the body quickly eliminates any Radioactive Iodine that is later inhaled or ingested. **Potassium Iodate ( $KIO_3$ ) is now being stockpiled by many government agencies.**

### QUESTIONS AND ANSWERS

**Would it help if I started taking  $KIO_3$  now...just in case?**

A. NO! Do not take any thyroid blocker now. You will be wasting your supply. It will not help you unless you are caught in fallout.

**Q. When will the authorities tell us to start?**

A. They will tell you that Fallout is headed your way and you should start taking  $KIO_3$  or KI about 3 to 12 hours before the fallout arrives.

**Q. How many people will a bottle of  $KIO_3$  cover in case of a nuclear disaster?**

A. First let's set the figure for a "medium" event at 25 days (3 half-lives of radioactive Iodine 131), one 90 tablet bottle will protect:

- 2 Adults (age 12 years and up) OR
- 4 Children (age 3 years to 12 years) OR
- 8 Young Children (age 1 month to 3 years) OR
- 16 Babies (age newborn to 1 month)

Keep in mind that it is possible to have more than one event OR an ongoing event as happened at Chernobyl.

**Q. I am allergic to iodine and it gives me a rash. Should I not take a thyroid blocker?**

A. That should always be your choice. However, if Iodine gives you a rash then, Radioactive Iodine (I-131) will also give you a rash!

**Q. I have a Thyroid problem and my doctor says I should avoid foods that contain iodine. What should I do?**

A. That is a tough question. Iodine can cause some serious problems in some Thyroid patients. Radioactive Iodine-131 is Iodine and can be deadly for babies and young children. One who has a Thyroid condition that requires the avoidance of Iodine will still be subjected to Iodine in the form of Radioactive Iodine-131. Talk to your doctor and try to come to a decision together.

**Q. You carry  $KIO_3$ , but I have seen KI for sale also. Is KI any good?**

A. KI is a Thyroid Blocker and it works. There are distinct advantages to  $KIO_3$ , but KI will work to block the Thyroid.

**Q. Which is safer,  $KIO_3$  or KI?**

A. According to Material Safety Data Sheets (MSDS)  $KIO_3$  (our Thyroid Blocker) is safer to use.  $KIO_3$  has a Health Risk of 1---slight. KI has a Health Risk of 2---moderate. However, compared to Radioactive Iodine, a Health Risk of 2 for KI means nothing.

**Q. Which would be best for babies, children and adults, KI or  $KIO_3$ ?**

A.  $KIO_3$  because it is easier to dose,  $KIO_3$  is not bitter in the stomach therefore babies, pets and the ill are able to keep it down easier.

**Q. What is the shelf life of Potassium Iodate?**

A. According to the manufacturer, the shelf life is "Theoretically Unlimited". This means that it will be good for 8 years or more if not exposed to excessive heat. Note the fact that the sealed bottles are airtight. The shelf life can be extended by storing  $KIO_3$  in a refrigerator or freezer. When doing so, it is recommended to use some type of external, sealable storage bag.