

iOSAT was developed for protection from an accidental or terrorist related release of radioactive iodine from a nuclear power plant or nuclear weapon.

iOSAT received its approval from the US Food and Drug Administration in 1982, and is the only full-strength tablet for radiation blocking which may legally be sold in the US.

Only iOSAT has passed all FDA tests for purity, quality, safety and efficacy.

*The information is from the manufacturer's website and has been edited for space.*

## What potassium iodide is and how iOSAT helps

iOSAT™'s active ingredient, 130 mg. of potassium iodide (KI), gives virtually complete protection from a feared consequence of a nuclear accident – a meltdown and release of radioactive iodine into the environment.

Radioactive iodine (primarily I-131) is a waste product of nuclear fission produced in reactors and bombs. Its potential impact on human health is big and could affect more people than all other radioactive sources combined, according to reports from the US Nuclear Regulatory Commission (NRC).

The human body cannot distinguish I-131 from ordinary iodine. If it is accidentally swallowed (in contaminated food or water), or inhaled, it will be absorbed into the thyroid gland and remain there long enough to slowly poison its victim over the next 20 to 30 years.



iOSAT protects against radioactive iodine by preventing its absorption into the thyroid gland. iOSAT saturates the thyroid with stable iodine. Once filled, the gland will not absorb more for awhile, usually long enough for the radioactive iodine to disappear naturally. Up to 99% of all radiation induced thyroid damage can be avoided by the use of iOSAT.

## Safe and effective

Potassium iodide is extremely safe in the dosage provided by iOSAT. Calculations by the National Council on Radiation Protection suggest that the incidence of adverse reactions to the KI in iOSAT can be as low as 1 in 10 million, and often no more than a mild skin rash. Because of the inherent safety of KI, the FDA allows iOSAT to be sold without a prescription for radiation protection. Its use should be limited to radiation emergencies, and only when recommended by emergency response authorities.

As reported in *The American Journal of Medicine*, (Vol. 94, May, 1993), despite very high levels of public anxiety caused by the fear of radiation, side effects in Poland in the roughly 18 million who took iodine was very small. Approximately 99.8% of those who took KI had no side effects whatsoever, with only a few recipients reporting a mild skin rash or stomach upset. Only 2 cases of more serious side effects were noted, and both occurred among people with known allergies to iodide who had been warned not to take KI but did so anyway.

## Who should not take iOSAT

The only people who should not take iOSAT are people with a specific allergy to iodide. Pregnant and nursing women, as well as infants, may take the drug. Parents should be aware that children and unborn are extremely susceptible to radioiodine poisoning. People taking other thyroid medicines may also take iOSAT.

## Dosage

iOSAT should be stored in a dry, room-temperature environment, with the blister packages unopened until its use is directed by public health authorities in a radiation emergency.

Take one tablet per day for as long as directed by public health officials. Anyone taking iOSAT should follow all instructions from the public health authorities, including evacuation if conditions are judged to warrant it.

## Why iOSAT is best

1. Meets all FDA requirements for potassium iodide as a radiation protective, and is labeled and packaged in accordance with US government guidelines. Has demonstrated all quality controls and passed all FDA requirements for purity, quality, safety, efficacy.
2. Full strength (130mg potassium iodide per tablet) in accordance with FDA demands for complete thyroid blocking.
3. Contains only pure potassium iodide as the active ingredient.
4. Manufactured in the United States under strict FDA "GMP guidelines," and holds an approved "New Drug Application" (NDA).
5. The first product of its kind (since 1982) and is the only product which can be purchased by local, state and federal governments. Is widely purchased by nuclear utilities.
6. Unit dose packaging for maximum shelf-life and individual tablet distribution without loss of packaging integrity.

## About Us

**Page Firearms Training, LLC**, is your friendly firearms training source. **Bub's Survival Boutique** shares space with us and features products for hikers, campers, and those who want to be prepared in emergencies.

We offer:

- NRA certified instructor led courses in handling various firearms. These courses are for men and women, including some women-only courses led by women instructors.
- Products ranging from gun cleaning gear to camp stoves and backpacks. We cater to both men and women since life-threatening situations can affect us all, and women are getting more and more into enjoying the great outdoors.

## Our Goals

1. Provide the **best service available**. Service is paramount in any business endeavor. If you ever have a concern, please let us know so we can improve.
2. Be your **source of first resort** for the most professional, expert, and understanding firearms training available anywhere.
3. Keep **improving our selection** of classes as well as products for hiking, camping, survival, and other needs in our store – Bub's Survival Boutique. If we don't have what you are looking for, let us know. We will do our best to acquire that tea for you.

*Doc and Andy Page*

# About IOSAT Potassium Iodide Tablets for Radiation Treatment

brought to you by



and



829 S. Muskogee Ave.  
Tahlequah, OK 74464  
1-918-457-7307

Mon-Fri: 10am - 6pm; Sat: 10am - 4pm

[pagefirearmstrainingllc.wordpress.com](http://pagefirearmstrainingllc.wordpress.com)

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