

BURNING SENSATION?

Systemic and Urinary Alkalinizer

Indications:

- Relieve the burning discomfort and frequency caused by mild urinary tract infections such as cystitis, pyelonephritis, urethritis;
- Reduce the formation of uric acid and cystine calculi in chronic gout to prevent kidney stones;
- Enhance the action of certain antibiotics such as Sulphonamide; and
- Relieve symptoms associated with gastric hyperacidity.

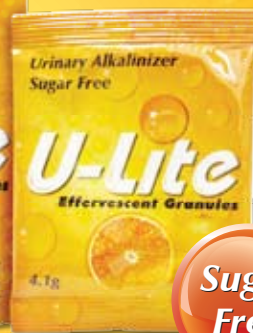
U-Lite

Effervescent Granules

Active Ingredients:

Each 4.1g sachet contains -

Sodium Bicarbonate	1.76g
Citric Acid Anhydrous	0.72g
Sodium Citrate Anhydrous	0.63g
Tartaric Acid	0.89g



**NATURAL
ORANGE
FLAVOUR**

**Sugar
Free**



**BETTER STABILITY
GREATER TASTE**

Reg. No.: MAL09011526X

Unique Features and Advantages

Sodium bicarbonate is highly unstable ingredient and will react easily with the acid component of an effervescent formula if any amount of moisture is present. To prevent this early reaction in our effervescent formula, we have taken special care to overcome this problem.

At our cGMP facility for pharmaceutical product, we are able to handle, manufacture and pack the product in a temperature- and humidity-controlled environment from start to finish to eliminate excess moisture and to avoid the chance of early effervescent reaction. Therefore, we are able to avoid many of these problems and to deliver a highly stable effervescent formula to meet the consistency and quality required of a pharmaceutical product.

Improved Stability and Bioavailability

In case the product is unstable, it will disintegrate easily to release carbon dioxide which will cause swelling of the sachet. If the reaction occurred, it will cause the degradation of active ingredients and reduce the amount available for absorption and less acid neutralizing capacity. Acid neutralizing capacity is defined as the capacity of solutes plus particulates in an aqueous system to neutralize acid and is expressed in terms of mEq of acid consumed per gram of the substance tested.

Long-term Stability Study (Room Temperature)			
	Initial	12 th month	24 th month
Moisture content (Not more than 3%)	0.51%	0.59%	0.39%
Speed of effervescent (Not more than 5 minutes)	3 min 38 sec	4 min 28 sec	4 min 12 sec
Assay (90.0% to 110.0%)			
- Total sodium	108.3%	100.1%	105.6%
- Bicarbonate	99.6%	99.0%	103.0%
- Total citrate	101.8%	99.6%	99.8%
- Tartaric acid	99.3%	100.2%	104.4%
Acid neutralizing capacity (Not less than 5mEq)	16.98mEq	17.00mEq	17.89mEq

**Strict
Quality
Control**

**Better
Long-term
Stability**

Table 1:
The results of the long-term stability study for the first 24 months demonstrate that the product is stable for the length of time under this storage condition.

For information on our special promotion, please contact us or our medical sales representative for further details.

**U-Lite**
Effervescent Granules



WINWA MEDICAL SDN. BHD.

1952, Taman I.K.S. Bukit Minyak, 14000 Bukit Mertajam, Penang, Malaysia. ☎ : 604-5079784 📠 : 604-5079652 ✉ : info@winwamedical.com