



Sani-Pak®

Toilet Deodorant: Dosing Guide

The following detailed dosing information for Sani-Pak is based on many years of lavatory testing and data.



AIRCRAFT TYPE	SERVICING INTERVAL (HOURS)	LIQUID SP-97000M SERIES		POWDER	NUMBER OF WASTE TANKS
		oz per 5-7 gal precharge	mL per 19-26 L precharge	8 gm pkts per waste tank	
B737	6-8	1.0	30	2	1
	8-12	1.7	50	3	
	12-24	2.0	60	4	
	24-48	2.7	80	5	
B747	6-8	2.0	60	4	4
	8-12	2.7	80	5	
	12-24	3.4	100	6	
	24-48	3.7	110	7	
B767	6-8	1.7	50	3	2
	8-12	2.0	60	4	
	12-24	2.7	80	5	
	24-48	3.4	100	6	
B777	6-8	2.0	60	4	3
	8-12	2.7	80	5	
	12-24	3.4	100	6	
	24-48	3.7	110	7	
B787	6-8	2.0	60	4	2
	8-12	2.7	80	5	
	12-24	3.4	100	6	
	24-48	3.7	110	7	
A319, A320 A321	6-8	1.0	30	2	1
	8-12	1.7	50	3	
	12-24	2.0	60	4	
	24-48	2.7	80	5	
A330	6-8	1.7	50	3	2
	8-12	2.0	60	4	
	12-24	2.7	80	5	
	24-48	3.4	100	6	
A340, A350	6-8	2.0	60	4	2
	8-12	2.7	80	5	
	12-24	3.4	100	6	
	24-48	3.7	110	7	
A380	6-8	2.7	80	5	4
	8-12	3.4	100	6	
	12-24	3.7	110	7	
	24-48	4.1	120	8	

TEST REFERENCES

- AMS 1476B
- Boeing D6-17487
- Air Canada 3125-00-002
- Douglas Customer Service #3

CELESTE PART NO.

Liquid

- 6 oz Bottle (clear) SP-97000/6Z/C
- 6 oz Bottle SP-97000/6Z/D
- Quart Bottle SP-97000/QT/D
- 55 Gallon Drum SP-97000/55/D
- 275 Gallon Tote SP-97000/275/D

Powder

- 6 gm Packet (box) SP-77006/A
- 8 gm Packet SP-77008
- 80 gm Foil Tube SP-77080/A
- 6 gm Packet (jar) SP-77006/24

Bus Powder

- 8 gm Packet SP-B77008/1



MIX RATIO REQUIRED PER SERVICE INTERVAL		LIQUID SERIES <i>Volume needed per precharge</i>				POWDER SERIES grams per 5 gal (19 L) precharge
		oz. per 5 gal precharge	mL per 19 L precharge	quarts per 250 gal	liters per 946 L	
Long Haul, Long Time Between Servicing	1:500	1.28	37.85	2.0	1.9	20
Long-Mid Haul, Standard Servicing	1:640	1.00	29.57	1.5	1.4	16
Short Haul, Frequent Servicing	1:800	0.80	23.66	1.25	1.2	12
Short Hops, Frequent Servicing	1:1000	0.64	18.93	1.0	0.9	8

Storage: Store in a cool, dry, well-ventilated area

Shelf Life: Varies by form:

- *Liquid:* 48 months from date of manufacture
- *Powder:* 30 months from date of manufacture
- *Bus Powder:* 18 months from date of manufacture

Companion Products: Sani-Tank®, Sani-Tank® N, Gly-Vak®, Biozyme EX3

MANY FACTORS INFLUENCE THE REQUIRED DOSING OF SANI-PAK:

- **Length of Flight** - longer flights need more concentrated chemical to provide long-term effectiveness as more waste is added to the system
- **Passenger Load Factor** - higher passenger load factors mean more waste in the system, requiring a more concentrated solution
- **Amount of Precharge** - a larger precharge requires a less concentrated chemical because waste will have less impact overall
- **Climate** - hotter climates generate more ammonia and odors and need a higher concentration of Sani-Pak
- **Time of Year** - hot weather requires a higher concentration, while cold weather requires less; in the cold, bacteria are less successful at growing and multiplying
- **Available Equipment** - recirculating and vacuum toilets have different requirements for odor control and maintenance; not all dosing equipment is capable of following exact measurements

All of these factors combine to create a unique situation for each individual airline. The data we have presented is what we have found to provide the best results through many years of testing.

In order to develop a dosing plan suitable for your needs, please speak to your Account Manager.

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