UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY | 2 | 1997

The Dial Corporation 15101 N. Scottsdale Road Scottsdale, AZ 85254-2199

Attn: Elizabeth Dail, Michele Herrity; Regulatory Affairs

Subject: Sno Bol Toilet Bowl Cleaner EPA Registration No. 57125-5 Your Submission of May 27, 1994

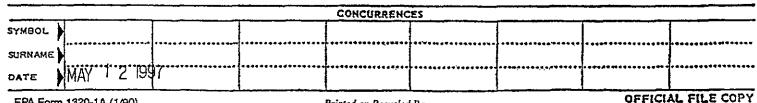
The submission noted above which involved updated product chemistry data and product efficacy data forwarded to support additional virucidal and bactericidal claims has completed review. The following comments are a result of this review.

Product Chemistry

- 1. The referenced product chemistry data cited under MRID #408637-01 complies with 40 CFR §158.155 through §158.190 and is acceptable.
- 2. The revised Confidential Statement of Formula (CSF) dated October 7, 1993 agrees with the product label claim and is satisfactory. The proposed alternate sources of supply for the hydrochloric acid active ingredient component in the product formulation are acceptable.

Product Efficacy and Labeling

1. The product efficacy data submitted under MRID #430591-01 support the effectiveness of the product as hospital disinfectant against Staphylococcus aureus, Salmonella choleraesuis, and Pseudomonas aeruginosa and as a virucide against Rhino-2, Influenza A-2, and Influenza B at a 1:25 dilution on hard nonporous surfaces in the presence of 5% blood serum and 400 ppm CaCO3 hard water for a contact time of 10 minutes at 20°C.



EPA Form 1320-1A (1/90)

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*U.S. Government Printing Office: 1992 -- 620-856/40672

- 2. The revised product labeling submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comment listed below. A stamped copy is enclosed for your records. Submit one copy of the finished product labeling before releasing the product for shipment.
- a. Specific the strains of the Influenza A-2 and Influenza B viruses against which this product was tested.

If you should have any questions concerning this letter, you may call Robert Travaglini on (703) 308-6383.

Sincerely,

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Robert S. Brennis Acting Product Manager (32) Antimicrobial Program Branch Registration Division (7505C)

Type Size

New Labeling for Sno Bol Toilet Bowl Cleaner

12 pt. 52 pt. 12 pt. 20 pt.	Front Panel: "Removes Stubborn Rust and Hard Water Stains" SNO BOL Liquid Disinfectant Toilet Bowl Cleaner	
6 pt.	Active ingredients: Hydrogen chloride. Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) dimethyl benzyl ammonium chloride. Octyl decyl dimethyl ammonium chloride. Dioctyl dimethyl ammonium chloride. Didecyl dimethyl ammonium chloride.	14.50% 0.04% 0.03% 0.02% 0.02%
	Inert Ingredients:	85.39%
10 pt.	KEEP OUT OF REACH OF CHILDREN	
14 pt.	DANGER X POISON	
6 pt.	SEE FIRST AID AND OTHER PRECAUTIONS ON BACK P	ANEL

Net Contents: 1 qt. (32 fl. ozs.) 946 ml

PSR37/TPSRp38

10 pt.

ACCEPTED 1000 CONTROLS OF EER ACCES DATE.

MAY 7 2 1997

Inder the Federal Insecticide.

Fingstide, and Rodentside Act

as exempted for the pesticide

57125-5

ACCEPTED

WILL COMMENTS

IN ETA Lenor Dates

MAY 12 10-

Type Size

14 pt

Back Panel

SNO BOL

Liquid Disinfectant Toilet Bowl Cleaner

Ander the Federal Insecticide, Singletic, and Redenticide Act as emented, for the pesticide registered under EPA Reg. No.

113

Cleans

Deodorizes

Disinfects

Cleans tough stains -- even stubborn rust and hard water stains.

Hospital disinfectant: Kills household germs including staph, salmonella, pseudomonas, as well as influenza A & B and rhino viruses known to cause flu and colds.

Safe for white or colored bowls. Will not harm septic tanks.

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

CAP INSTRUCTIONS: To Open, squeeze cap sides, as indicated by arrow, while unscrewing. To Close, screw on protective cap tightly after using.

6 pt minimum DIRECTIONS FOR USE: (Raise toilet seat.) Point top of bottle down into bowl. Squeeze gently, directing the fluid under the rim. To Disinfect - Cover all surfaces of bowl interior with 4 oz. of SNO BOL (squeeze approximately 15 seconds). Scrub bowl completely, including under the rim. Leave SNO BOL in bowl for at least 10 minutes. Brush bowl and flush. Rinse brush in fresh water after use. Clean up any spilled SNO BOL right away. Do not use this product on bathtubs, wash bowls, other enamel surfaces, chrome or counter tops. Do not allow product to spill on these fixtures. READ CAUTIONS BELOW.

For Badly Discolored Bowl - Remove water from bowl and brush out stains with 4 to 8 oz. of SNO BOL.

PRECAUTIONARY STATEMENTS:

Hazards To Humans And Domestic Animals:

DANGER: CORROSIVE. Contains hydrochloric acid. Causes eye and skin damage. Fatal if swallowed. Protect eyes and skin when handling. Do not breather vapors. Use in a well ventilated area. Do not get in eyes, on skin or clothing. DO NOT MIX WITH chlorine bleach, ammonia, cleansers or other household chemicals. KEEP OUT OF REACH OF CHILDREN.

Type Size

6 pt minimum FIRST AID: IF SWALLOWED: Drink promptly large quantities of water. Do not induce vomiting. Avoid alcohol. Never give anything by mouth to an unconscious person. Get prompt medical attention. IF ON SKIN: Flush with plenty of soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists. IF IN EYES: Flush immediately with cool water. Remove contact lenses. Continue flushing for 15 minutes. Call a physician immediately.

6 pt minimum **STORAGE AND DISPOSAL:** Store this product in a cool dry place. Do not reuse empty bottles. Wrap bottle and put in trash.

6 pt

EPA Reg. No. 57125-5 EPA Est. 55179-IN-1

Distributed by: The Dial Corporation

Phoenix, Arizona 85077 Made in U.S.A.