



TECHNICAL DATA REPORT



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HAN-I-SIZE

INSTANT HAND SANITIZER

FROM THE RESEARCH &
DEVELOPMENT LABORATORIES
OF MOMAR, INC.



Description:

Hand and Arm Sanitizer that eliminates over 99.7 percent of cross contamination micro-organisms that employees come in contact with on a daily basis. For use when water is unavailable.

Benefits:

- * Unscented
- * Leaves no residue
- * Evaporates within 15 seconds
- * No rinsing with water or towels required
- * Available in 150 ml squeeze bottle for easy application
- * Also available in bulk for filling dispenser reservoirs



SABS 1853:2001
Certified for use
in the Food Industry

Time Kill Study

A sample of Momar's Han-I-Size Instant Hand Sanitizer was sent to Hill Top Biolabs, an independent testing facility, to be tested on September 8, 1989. Twenty four hour cultures of **Escherichia coli** ATCC No. 11229, **Serratia marcescens** ATCC No. 14756, **Staphylococcus aureus** ATCC No. 6538, **Listeria monocytogenes** ATCC No.15313, **Salmonella typhimurium** ATCC No. 6539, prepared in Nutrient Broth, **Pseudomonas aeruginosa**, ATCC No. 15442, and **Streptococcus pyogenes** ATCC No. 9342, prepared in Brain Heart Infusion Broth, were then used as the challenge inocula.

Test results proved that over 99.7% of all bacteria were eliminated within the first fifteen seconds of contact and over 99.99% were eliminated within the first thirty seconds of contact.

Specifications:

pH @ 25°C (ASTM-E-70)	.....	7.5
Density @ 25°C (ASTM-D-287)	.....	0.9 gm per ml
Color	.....	None
Appearance @ 25°C	.....	Clear Gel
Active Ingredient	.....	62% Ethanol (Alcohol)
Viscosity (Brookfield spindle #3 @ 60rpm)	.....	20,000 cps
Stability	.....	Stable from -18 to 48 deg C

Directions:

To decrease bacteria on skin, apply a small amount to palm. Briskly rub hands together, covering hands with product until dry.



MOMAR

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WHAT IS HAN-I-SIZE?

HAN-I-SIZE *instant* hand sanitizer kills 99.9% of germs in 15 seconds. No soap, water or towels are needed. To use **HAN-I-SIZE**, just place a thumbnail size amount in your palm, and rub hands briskly until dry.

WHO USES HAN-I-SIZE?

PEOPLE ON THE MOVE

Keep a bottle handy, whether you are travelling by car, plane or train, or out hiking or camping. **HAN-I-SIZE** makes it easy to sanitize and refresh your hands anytime, especially when a washroom is not available.

PUBLIC TOILETS

HAN-I-SIZE is ideal for instantly killing germs and cleaning toilet seats before use. Apply a small amount to a wad of toilet paper and wipe down the toilet seat. Public toilets will thus be guaranteed hygienically clean.

PARENTS OF INFANTS AND TODDLERS

Did you know 80% of common infections are spread by the hands, especially the common cold? Use **HAN-I-SIZE** before and after handling your baby. It is not unreasonable to ask family and friends to do the same with your newborn.

PEOPLE AT HOME - IN THE KITCHEN

Use **HAN-I-SIZE** after washing with soap and water to kill germs remaining on the hands. It is a great supplement in the kitchen before and after handling and preparing food, and before eating.

TEACHERS AND DAY CARE STAFF

Use **HAN-I-SIZE** to reduce the spread of germs inside and outside the classroom. Great for outings. Fewer absentees due to illness.

PARENTS

Use **HAN-I-SIZE** to get children to practice good hygiene, in a fast, easy, and fun way.

ATTENDEES OF PUBLIC EVENTS

It is often difficult to use soap and water at public events. **HAN-I-SIZE** is perfect at a concert, movie or sports event, and especially when portable toilets are the only facilities available.

SALES PEOPLE AND CASHIERS

Keep **HAN-I-SIZE** in your briefcase and where you work so your hands can always be kept hygienically clean and refreshed.

HEALTH CARE WORKERS

Perfect for use before and after patient contact when routine hand washing is not always possible.

EVERYONE!

You, your family and co-workers. Kill germs spread by the hands.

BE HYGIENE-WISE. USE HAN-I-SIZE!

**Manufactured by MOMAR GROUP, P O Box 2257, Clareinch 7740
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