



GEORGIA-PACIFIC
HANDI-FRESH™ ANTIMICROBIAL CLEANSER
MATERIAL SAFETY DATA SHEET 401

Page 1 of 4

MATERIAL SAFETY DATA SHEET

Effective Date: 06/01/2001
Supersedes Date: 03/05/1998

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: Handi-Fresh™ Antimicrobial Cleanser

MANUFACTURED FOR
GEORGIA-PACIFIC CORPORATION BY:
(Formerly Fort James Corporation)

Carroll Company
2900 W. Kingsley Road
Garland, TX 75041

EMERGENCY PHONE NUMBER: 1-800-424-9300

HMIS LABEL: Health: 0 Fire: 0 Reactivity: 0

SECTION 2: HAZARDOUS INGREDIENTS

<u>COMPONENTS</u>	<u>CAS NUMBER</u>	<u>EXPOSURE LIMITS</u>
-------------------	-------------------	------------------------

This product is not a hazardous material as defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 3: HEALTH HAZARD DATA

ROUTES OF ENTRY: Ingestion, Eye, Skin
No inhalation likely to occur under normal conditions of use.

ACUTE HEALTH HAZARDS:

EYE CONTACT:	Material is irritating to the eye.
INHALATION:	Not an expected route of exposure.
SKIN CONTACT:	Long, continuous contact may cause mild irritation.
INGESTION:	Gastric disturbances may occur.

CHRONIC HEALTH HAZARDS: No known chronic exposure hazard.

CARCINOGEN INFORMATION: OSHA - NO NTP - NO IARC - NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

SECTION 3: HEALTH HAZARD DATA (continued)**EMERGENCY FIRST AID PROCEDURES:**

EYE CONTACT: Flush thoroughly with warm water for 15 minutes. Seek medical

GEORGIA-PACIFIC
HANDI-FRESH™ ANTIMICROBIAL CLEANSER
MATERIAL SAFETY DATA SHEET 401

Page 2 of 4

attention.

INHALATION: Not an expected route of exposure.

SKIN CONTACT: Wash with water. Get medical attention if irritation persists.

INGESTION: If ingested, consult a physician. Advise that product contains synthetic detergents.

SECTION 4: PHYSICAL DATA

BOILING RANGE (°F):	Around 212°
SPECIFIC GRAVITY (WATER = 1):	1.02
VAPOR DENSITY (AIR = 1):	Not determined
EVAPORATION RATE (ETHER = 1):	Not determined
VAPOR PRESSURE (MM HG):	Not determined
VOLATILE BY VOLUME (%):	Not determined
SOLUBILITY IN WATER:	Soluble
APPEARANCE AND ODOR:	Pearl white liquid; bouquet odor.
PRODUCT pH:	7.5

SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT (METHOD USED):	None.
FLAMMABLE LIMITS IN AIR (% VOL):	LFL: N/A UFL: N/A
EXTINGUISHING MEDIA:	Not applicable.
SPECIAL FIRE FIGHTING PROCEDURES:	None
UNUSUAL FIRE AND EXPLOSION HAZARDS:	In the presence of combustible material, protect firefighters from smoke and fumes.

SECTION 6: REACTIVITY DATA

STABLE:	Yes - <u>X</u> No - <u> </u>
INCOMPATIBILITY MATERIALS:	Any substance which reacts with water.
HAZARDOUS DECOMPOSITION PRODUCTS:	In a fire situation: Small amounts of oxides of carbon and nitrogen and low molecular weight aldehydes and hydrocarbons may be released.
HAZARDOUS POLYMERIZATION:	Will not occur.

**GEORGIA-PACIFIC
HANDI-FRESH™ ANTIMICROBIAL CLEANSER
MATERIAL SAFETY DATA SHEET 401**

Page 3 of 4

SECTION 7: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: If large quantities enter a watercourse, advise local authorities of possible non-toxic substances, which may impart odor/taste.

SECTION 8: EXPOSURE CONTROLS

RESPIRATORY PROTECTION:	None required
VENTILATION:	Mechanical - General ventilation
GLOVES:	Not required
EYE PROTECTION:	Safety glasses or goggles
ENGINEERING CONTROLS:	Not required

SECTION 9: STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Provide cool storage away from sources which could carry product to sewers.

SECTION 10: EPCRA NOTIFICATION

This product contains the following chemicals subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 Section 313 (40CDR 372):

None

SECTION 11: TOXICOLOGICAL INFORMATION

None

SECTION 12: ECOLOGICAL INFORMATION

None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Soak into absorbent material and landfill.

**GEORGIA-PACIFIC
HANDI-FRESH™ ANTIMICROBIAL CLEANSER
MATERIAL SAFETY DATA SHEET 401**

Page 4 of 4

SECTION 14: DOT TRANSPORT INFORMATION

DOT HAZARD CLASS: Not Regulated

SECTION 15: OTHER REGULATORY INFORMATION

All ingredients appear on the TSCA 8(b) Inventory List.

PREPARED BY: B.F. Vincent

DATE: 3/5/98

The information contained herein is accurate to the best of our knowledge and belief. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.