Article Information Sheet

Copyright,2019,3M Company.
All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M Purification Inc. products is allowed provided that: (1) the information is copied in full with no changes unless prior written agreement is obtained from 3M Purification Inc., and (2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

This Article Information Sheet is provided as a courtesy in response to a customer request. A Safety Data Sheet (SDS) has not been prepared for these product(s) because they are articles. Articles are not subject to the Occupational Safety and Health Administration's Hazard Communication Standard (29 CFR 1910.1200(b)(6)(v)). As defined in this standard: "Article" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees.

Document Group:	39-3612-7	**Version Number:**	1.01
Issue Date:	08/15/19	**Supercedes Date:**	04/19/19

SECTION 1: Identification

1.1. Product identifier
HF8-S Filter

Product Identification Numbers
5582113, 70-0203-1902-9
7100051029

1.2. Recommended use and restrictions on use

Recommended use
Water Filtration

1.3. Supplier's details

MANUFACTURER:	3M Purification Inc.
DIVISION:	Separation and Purification Sciences Div
ADDRESS:	400 Research Parkway, Meriden, CT 06450-1018, USA
Telephone:	1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number
1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

This product is exempt from hazard classification according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
Scale Inhibitor	Trade Secret*	55 - 65
Talc Filled Polypropylene Cover and Sump	Mixture	30 - 40
HDPE End Caps	Mixture	1 - 5
Ethene/Propene Outlet Tube	Trade Secret*	< 2
ABS O-Ring	Mixture	< 1

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:
No need for first aid is anticipated.

Skin Contact:
No need for first aid is anticipated.

Eye Contact:
No need for first aid is anticipated.

If Swallowed:
No need for first aid is anticipated.

SECTION 5: Fire-fighting measures

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Not applicable.

6.2. Environmental precautions
Not applicable.

6.3. Methods and material for containment and cleaning up
Not applicable.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

7.2. Conditions for safe storage including any incompatibilities
No special storage requirements.

SECTION 8: Exposure controls/personal protection

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. No engineering controls or personal protective equipment (PPE) are necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	
Physical state	Solid
Color	White
Odor	Odorless
Odor threshold	*No Data Available*
pH	*Not Applicable*
Melting point	*No Data Available*
Boiling Point	*Not Applicable*
Flash Point	*Not Applicable*
Evaporation rate	*Not Applicable*
Flammability (solid, gas)	Not Available
Flammable Limits(LEL)	*Not Applicable*
Flammable Limits(UEL)	*Not Applicable*
Vapor Pressure	*Not Applicable*
Vapor Density	*Not Applicable*
Density	*No Data Available*
Specific Gravity	*No Data Available*
Solubility In Water	*Not Applicable*
Solubility- non-water	*No Data Available*
Partition coefficient: n-octanol/ water	*Not Applicable*
Autoignition temperature	*Not Applicable*
Decomposition temperature	*No Data Available*
Viscosity	*Not Applicable*

SECTION 10: Stability and reactivity

This material is considered to be non reactive under normal use conditions.

SECTION 11: Toxicological information

Inhalation:
No health effects are expected

Skin Contact:
No health effects are expected

Eye Contact:
No health effects are expected

Ingestion:
No health effects are expected

Additional Information:
This product, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

SECTION 12: Ecological information

This article is expected to present a low environmental risk either because use and disposal are unlikely to result in a significant release of components to the environment or because those components that may be released are expected to have insignificant environmental impact.

SECTION 13: Disposal considerations

Dispose of contents/container in accordance with the local/regional/national/international regulations.

SECTION 14: Transport Information

Please contact the emergency numbers listed on the first page of the SDS for Transportation Information for this material.

SECTION 15: Regulatory information

Chemical Inventories
This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory requirements.

SECTION 16: Other information

Document Group:	39-3612-7	**Version Number:**	1.01
Issue Date:	08/15/19	**Supercedes Date:**	04/19/19

DISCLAIMER: The information in this Article Information Sheet (AIS) is believed to be correct as of the date issued.3M Purification Inc.MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE.User is responsible for determining whether the3M Purification Inc.product is fit for a particular purpose and suitable for user's method of use or application.Given the variety of factors that can affect the use and application of a3M Purification Inc.product, some of which are uniquely within the user's knowledge and control,it is essential that the user evaluate the3M Purification Inc.product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

3M Purification Inc.provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information,3M Purification Inc.makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the AIS available directly from3M Purification Inc..

3M Purification Inc. USA AISs are available at www.3M.com