

# Safety Data Sheet

Copyright,2018,3M Company.

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

Document Group:	10-3774-6	Version Number:	20.00
Issue Date:	05/21/18	Supercedes Date:	09/26/17

# **SECTION 1: Identification**

# 1.1. Product identifier

FT-12 Sodium Saccharin Fit Test Solution

# **Product Identification Numbers**

70-0701-2146-5

# **1.2.** Recommended use and restrictions on use

**Recommended use** Fit test solution

1.3. Supplier's details	
MANUFACTURER:	3M
<b>DIVISION:</b>	Personal Safety Division
ADDRESS:	3M Center, St. Paul, MN 55144-1000, 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**

# 2.1. Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**2.2. Label elements Signal word** Not applicable.

**Symbols** Not applicable.

**Pictograms** Not applicable.

**SECTION 3: Composition/information on ingredients** 

Ingredient	C.A.S. No.	% by Wt
SODIUM SACCHARIN	128-44-9	45
WATER	7732-18-5	55

# **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.

# 4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

# 4.3. Indication of any immediate medical attention and special treatment required

Not applicable

# **SECTION 5: Fire-fighting measures**

# 5.1. Suitable extinguishing media

Non-combustible. Use a fire fighting agent suitable for surrounding fire.

# 5.2. Special hazards arising from the substance or mixture

None inherent in this product.

# Hazardous Decomposition or By-Products

Substance Carbon monoxide Carbon dioxide Oxides of Nitrogen Oxides of Sulfur <u>Condition</u> During Combustion During Combustion During Combustion During Combustion

# 5.3. Special protective actions for fire-fighters

No special protective actions for fire-fighters are anticipated.

# **SECTION 6: Accidental release measures**

# 6.1. Personal precautions, protective equipment and emergency procedures

For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Observe precautions from other sections.

# 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Contain spill. Collect as much of the spilled material as possible. Clean up residue with water.

# **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

For industrial or professional use only. Avoid release to the environment.

### 7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

# **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

### **Occupational exposure limits**

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

### 8.2. Exposure controls

### 8.2.1. Engineering controls

No engineering controls required.

# 8.2.2. Personal protective equipment (PPE)

**Eye/face protection** None required.

**Skin/hand protection** No protective gloves required.

### **Respiratory protection**

None required.

# **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

General Physical Form:	Liquid
Odor, Color, Grade:	clear, sweet
Odor threshold	No Data Available
рН	7 - 8.5
Melting point	Not Applicable
Boiling Point	>=212 °F
Flash Point	No flash point
Evaporation rate	No Data Available
Flammability (solid, gas)	Not Applicable
Flammable Limits(LEL)	Not Applicable
Flammable Limits(UEL)	Not Applicable
Vapor Pressure	<=17.5 mmHg [@ 68 °F]
Vapor Density	No Data Available
Density	1 g/ml

Specific Gravity Solubility in Water Solubility- non-water Partition coefficient: n-octanol/ water Autoignition temperature Decomposition temperature Viscosity Molecular weight Volatile Organic Compounds VOC Less H2O & Exempt Solvents 1 [Ref Std:WATER=1] Complete No Data Available No Data Available

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

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

# 10.2. Chemical stability

Stable.

### **10.3.** Possibility of hazardous reactions

Hazardous polymerization will not occur.

# **10.4.** Conditions to avoid

None known.

# **10.5. Incompatible materials**

None known.

# 10.6. Hazardous decomposition products

<u>Substance</u>

None known.

Refer to section 5.2 for hazardous decomposition products during combustion.

# **SECTION 11: Toxicological information**

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

**Inhalation:** No known health effects.

**Skin Contact:** 

# <u>Condition</u>

### FT-12 Sodium Saccharin Fit Test Solution 05/21/18

Contact with the skin during product use is not expected to result in significant irritation.

### **Eye Contact:**

Contact with the eyes during product use is not expected to result in significant irritation.

### **Ingestion:**

No known health effects.

### **Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

### **Acute Toxicity**

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
SODIUM SACCHARIN	Dermal	Professio nal judgeme nt	LD50 estimated to be > 5,000 mg/kg
SODIUM SACCHARIN	Ingestion	Rat	LD50 14,200 mg/kg

ATE = acute toxicity estimate

### **Skin Corrosion/Irritation**

For the component/components, either no data are currently available or the data are not sufficient for classification.

### Serious Eye Damage/Irritation

For the component/components, either no data are currently available or the data are not sufficient for classification.

### **Skin Sensitization**

For the component/components, either no data are currently available or the data are not sufficient for classification.

### **Respiratory Sensitization**

For the component/components, either no data are currently available or the data are not sufficient for classification.

### Germ Cell Mutagenicity

For the component/components, either no data are currently available or the data are not sufficient for classification.

### Carcinogenicity

For the component/components, either no data are currently available or the data are not sufficient for classification.

# **Reproductive Toxicity**

### **Reproductive and/or Developmental Effects**

For the component/components, either no data are currently available or the data are not sufficient for classification.

# Target Organ(s)

# Specific Target Organ Toxicity - single exposure

For the component/components, either no data are currently available or the data are not sufficient for classification.

### Specific Target Organ Toxicity - repeated exposure

For the component/components, either no data are currently available or the data are not sufficient for classification.

### **Aspiration Hazard**

For the component/components, either no data are currently available or the data are not sufficient for classification.

FT-12 Sodium Saccharin Fit Test Solution 05/21/2
--

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

# **SECTION 12: Ecological information**

# **Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

# **Chemical fate information**

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

# **SECTION 13: Disposal considerations**

# 13.1. Disposal methods

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

Product components have been assessed to be treatable in properly operating wastewater treatment systems (industrial, municipal, commercial) with a minimum of biological (aerobic) secondary treatment. Waste product may be directly discharged to wastewater treatment systems. Changes in the manner of which a product is used will require an evaluation to determine proper disposal. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

# EPA Hazardous Waste Number (RCRA): Not regulated

# **SECTION 14: Transport Information**

For Transport Information, please visit http://3M.com/Transportinfo or call 1-800-364-3577 or 651-737-6501.

# **SECTION 15: Regulatory information**

# 15.1. US Federal Regulations

Contact 3M for more information.

# EPCRA 311/312 Hazard Classifications:

Physical Hazards

Not applicable

# Health Hazards

Not applicable

# 15.2. State Regulations

Contact 3M for more information.

# **15.3.** Chemical Inventories

The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the new substance notification requirements of CEPA.

### FT-12 Sodium Saccharin Fit Test Solution 05/21/18

The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

Contact 3M for more information.

### 15.4. International Regulations

Contact 3M for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

# **SECTION 16: Other information**

### NFPA Hazard Classification

Health: 0 Flammability: 1 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Document Group:	10-3774-6	Version Number:	20.00
Issue Date:	05/21/18	Supercedes Date:	09/26/17

DISCLAIMER: The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued.3MMAKES 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 the3Mproduct 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 a3Mproduct, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the3Mproduct to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

3Mprovides 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,3Mmakes 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 SDS available directly from3M

# 3M USA SDSs are available at www.3M.com