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Material Safety Data Sheet

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Prepared by: Corporate Regulatory Services, 3M Canada Company  
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1 Product Identification

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Tradename:

FT-12 SODIUM SACCHARIN FIT TEST SOLUTION

Product ID:

CR-1807-0530-1 70-0701-2146-5 78-8029-4420-3 78-8029-4424-5  
 70-0701-2144-0

Intended Use of Product:

Testing liquid

Division:

OCCUPATIONAL HEALTH & ENVIRON. SAFETY

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2 Composition/Information on Ingredients

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Ingredient Name	CAS Number	Percentage
WATER	7732-18-5	55 - 60
SODIUM SACCHARIN	128-44-9	45 - 60

NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

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3 Hazards Identification

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Critical Hazards:

None known.

See Sections 7 and 11 for further information.

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#### 4 First Aid Measures

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##### Instructions for Eye Contact:

Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

##### Instructions for Skin Contact:

Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

##### Instructions for Inhalation:

No need for first aid is anticipated.

##### Instructions for Ingestion:

No need for first aid is anticipated.

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#### 5 Fire Fighting Measures

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Flash point: Not applicable

Lower Explosive Limit (%): Not applicable

Upper Explosive Limit (%): Not applicable

Autoignition temperature: Not available

##### Suitable Extinguishing Media:

No data available.

##### Exposure Hazards during Fire:

Material will not burn.

##### Combustion Products from Fire:

Oxides of nitrogen;

oxides of sulfur;

Carbon Monoxide;

Carbon Dioxide;

##### Fire Fighting Procedures:

Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

NFPA: Health 0

NFPA: Fire 0

NFPA: Reactivity 0

NFPA: Unusual Reaction Hazard none

##### Special Instructions:

Not applicable.

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#### 6 Accidental Release Measures

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##### Personal Precautions:

Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill.

##### Spill Response:

Contain spill. Collect as much of the spilled material as possible. Clean up residue with detergent and water. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

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#### 7 Handling and Storage

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##### Storage Requirements:

Store under normal warehouse conditions.  
 Incompatible Materials:  
 None known.  
 Ventilation:  
 No data available.  
 Use Instructions:  
 For industrial or professional use only.

## 8 Exposure Controls/Personal Protection

### Personal Protection

Eye Protection:  
 Avoid eye contact.  
 The following should be worn alone or in combination, as appropriate, to prevent eye contact:  
 Safety glasses with side shields  
 Hand Protection:  
 Gloves not normally required.  
 Skin Protection:  
 Avoid prolonged or repeated skin contact.  
 Respiratory Protection:  
 Not applicable.  
 Ingestion (Prevention):  
 Not applicable.  
 Recommended Ventilation:  
 Not applicable.

### Ingredient Exposure Data

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WATER (7732-18-5)	
LD50 (rat, oral)	> 90 ml/kg
LC50 (rat, inhalation/4 hours)	No data available.
Exposure Limits	
No data available.	
SODIUM SACCHARIN (128-44-9)	
LD50 (rat, oral)	14200 mg/kg 1280 mg/kg
LC50 (rat, inhalation/4 hours)	No data available.
Exposure Limits	
No data available.	

## 9 Physical and Chemical Properties

Physical form, Color, Odour:	Liquid; sweet; Clear;
Odour Threshold:	No data available.
pH:	Not Available
Boiling point/boiling range:	Not Available
Melting point/melting range:	Not Available
Vapour pressure:	Not Available
Water Solubility:	Not Available
Specific gravity:	Not available
Vapour density:	Not Available
Volatile organic compounds:	Not available
Evaporation rate:	Not Available
Viscosity:	Not available

Percent Volatile:

Not Available

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## 10 Stability and Reactivity

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### Conditions to Avoid:

None known.

### Materials to Avoid:

None known.

### Hazardous Decomposition:

Oxides of nitrogen;

oxides of sulfur;

Carbon Monoxide;

Carbon Dioxide;

### Stability and Reactivity:

Stable. Hazardous polymerization will not occur.

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## 11 Toxicological Information

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### Effects from Eye Contact:

No health effects are expected.

### Effects from Skin Contact:

No health effects are expected.

### Effects from Inhalation:

No health effects are expected.

### Effects from Ingestion:

No health effects are expected.

### Sensitization Information:

No data available.

### Carcinogenicity:

No data available.

### Mutagenicity:

No data available.

### Reproductive Effects:

No data available.

### Component Based Information:

No data available.

### Product Based Information:

No data available.

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## 12 Ecological Information

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### Environmental Data:

#### Ecotoxicity Data:

Not determined.

#### Ecofate Data:

Not determined.

#### Special statements for 2001/58/EC:

A conservative assessment indicates this product presents a low environmental risk. Components released to the environment through use and disposal are expected to have minimal environmental impact.

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## 13 Disposal Considerations

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### Product as Sold:

Discharge spent solutions and small quantities (less than 5 gal. (19

L)) to a wastewater treatment system.  
 Product Packaging:  
 No data available.  
 Potential for Recycling:  
 Reclaim solvent if feasible.  
 Special Instructions:  
 Since regulations vary, consult applicable regulations or  
 authorities before disposal.

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 14 Transportation Information
 

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 Transportation of Dangerous Goods
 

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TDG Classification: Non-Regulated Material  
 Special Information:  
 Contact 3M for more information.

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 International Dangerous Goods Classification
 

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 15 Regulatory Information
 

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WHMIS Classification: Not Controlled

## NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

## Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

TSCA - Toxic Substances Control Act (USA)  
 AICS - Australian Inventory of Chemical Substances  
 DSL - Domestic Substances List (Canada)  
 EINECS - European Inventory of Existing Commercial Chemical Substances

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 16 Other Information
 

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## Reason for Reissue:

The following Sections and topics have been updated or revised:

Section 3 - Hazards Identification - Critical Hazards;  
 Section 4 - First Aid Measures;  
 Section 5 - Fire Fighting Measures  
 Section 6 - Accidental Release Measures;  
 Section 7 - Handling and Storage;  
 Section 8 - Exposure Controls/Personal Protection;  
 Section 9 - Physical and Chemical Properties;  
 Section 10 - Stability and Reactivity;  
 Section 11 - Toxicological Information;  
 Section 12 - Ecological Information  
 Section 13 - Disposal Considerations;  
 WHMIS Classification change

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