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Material Safety Data Sheet
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1 Chemical Product and Company Identification

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:

Fit Test Solution

Division:

OCCUPATIONAL HEALTH & ENVIRON. SAFETY

2 Hazards Identification

Critical Hazards:

None known.

See Sections 7 and 11 for further information.

3 Composition/Information on Ingredients

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.

4 First Aid Measures

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.

5 Fire Fighting Measures

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:

Carbon Monoxide;
Carbon Dioxide;
Oxides of nitrogen;
oxides of sulfur;

Unusual Fire and Explosion Hazards

None known.

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

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.

Special Instructions:

Not applicable.

6 Accidental Release Measures

Personal Precautions:

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

Environmental Procedures

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.

Methods for cleaning up

Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill. Contain spill. Collect as much of the spilled material as possible. Clean up residue with detergent and water.

Spill Response:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call 3M-HELPS line (1-800-364-3577) for more information on handling and managing the spill.

7 Handling and Storage

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 are not required.

Skin Protection:

Not applicable.

Respiratory Protection:

Not applicable.

Ingestion (Prevention):

Not applicable.

Recommended Ventilation:

Not applicable.

Ingredient Exposure Data

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; Clear; sweet;

Odour Threshold:

No data available.

pH:

7.0 - 8.5

Boiling point/boiling range:

>= 100 C

Melting point/melting range:

Not Available

Vapour pressure:

<= 17.5 mmHg at 20 C

Water Solubility:

Complete

Partition coefficient (K o/w):

Not Available

Specific gravity:

◆ 1 Water=1

Vapour density:

No data available.

Volatile organic compounds:

Not Available

Evaporation rate:

No data available.

Viscosity:

Not Available

Percent Volatile:

No data available.

10 Stability and Reactivity

Conditions to Avoid:

None known.

Materials to Avoid:

None known.

Hazardous Decomposition:

Carbon Monoxide;

Carbon Dioxide; Oxides of nitrogen;
oxides of sulfur;

Stability and Reactivity:

Stable. Hazardous polymerization will not occur.

11 Toxicological Information

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.

12 Ecological Information

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.

13 Disposal Considerations

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.

14 Transport Information

Transportation of Dangerous Goods

TDG Classification:

Non-Regulated Material

Special Information:: Contact 3M for more information.

These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original 3M package is certified for Canadian ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

15 Regulatory Information

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

16 Other Information

Reason for Reissue:

The following Sections and topics have been updated or revised:
Section 6 - Accidental Release Measures;
Section 8 - Exposure Controls/Personal Protection;
Section 9 - Physical and Chemical Properties;

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M 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 a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

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