

SAFETY DATA SHEET

Identification

LABEL IDENTIFIER: Saccharin Qualitative Fit Test Kit

PRODUCT IDENTIFIER: P/N 697287 Saccharin Qualitative Fit Test Kit
P/N 697285 Replacement Saccharin Sensitivity Test Solution
P/N 697286 Replacement Saccharin Fit Test Solution

COMPANY IDENTIFICATION: MSA Safety Incorporated
1000 Cranberry Woods Drive
Cranberry Township, PA 16066
CUSTOMER SERVICE: 1-800-MSA-2222 (8:00 a.m. – 5:00 p.m., USA local time)
EMERGENCY: 1-800-255-3924 (CHEM-TEL, INC.)

Supplier Information

A Safety Data Sheet as furnished by Louis M. Gerson, Inc. for Saccharin is attached (5 Pages).

Louis M. Gerson, Inc. SDS REVISION DATE: 08/17/2018

Other Information

WARNING: This is a hazardous chemical product. By following the directions and warnings provided with this product, the hazards associated with the use of this product can be greatly reduced but never entirely eliminated. MSA Safety makes no warranties, expressed or implied, with respect to this product and EXPRESSLY DISCLAIMS THE WARRANTY OF MERCHANTABILITY AND ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. Users assume all risks in handling, using or storing this product.

SAFETY DATA SHEET

1. Product And Company Identification

PRODUCT NAME: Saccharin Sensitivity and Fit Test Solutions

MANUFACTURER:

Louis M Gerson Co.

16 Commerce Rd

Middleboro, MA 02346

PHONE NUMBER: 508-947-4000

PRODUCT USE: Solution used in respirator fit tests

2. Hazards Identification

Clear, colorless solution with no odor. Sweet taste.

EMERGENCY OVERVIEW

May cause mild eye irritation. Extremely sweet taste.

3. Composition/Information

Component	CAS No.	Amount
Sodium Saccharin	128-44-9	<1 to 50%
Water	7732-18-5	>50%

(See Section 8 for Exposure Limits)

4. First Aid Measures

INHALATION: Move to fresh air. Seek medical advice if cough, shortness of breath, or other respiratory problems occur.

SKIN CONTACT: Rinse thoroughly with water. Seek medical advice if redness, swelling, itching, or burning occurs.

EYE CONTACT: Rinse immediately with plenty of water, also under the eyelids. Obtain medical attention if irritation persists.

INGESTION: No first aid should be needed. Seek advice of medical personnel if gastrointestinal symptoms occur.

5. Firefighting Measures

EXTINGUISHING MEDIA: Use media suitable for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

UNUSUAL FIRE HAZARDS: None known.

HAZARDOUS COMBUSTION PRODUCTS: None known.

6: Accidental Release Measures

Contain and collect with inert absorbent material and place in a suitable container for disposal.

7. Handling and Storage

For industrial or Professional use only.
No special storage conditions required.

8. Exposure Controls / Personal Protection
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EXPOSURE LIMITS

Sodium Saccharin –None Established
Water - None Established

VENTILATION: None needed under normal use conditions.

RESPIRATORY PROTECTION: None under normal use conditions.

GLOVES: None under normal use conditions .

EYE PROTECTION: None required.

9. Physical and Chemical Properties

APPEARANCE AND ODOR: Clear, colorless liquid with no odor. Sweet taste.

pH: 7-8.5	SPECIFIC GRAVITY: Not determined
BOILING POINT: ≥212F	VAPOR PRESSURE: Same as water
FREEZING POINT: Not determined	VAPOR DENSITY: Same as water
SOLUBILITY IN WATER: Complete	PERCENT VOLATILE: >50%
VISCOSITY: Not determined	EVAPORATION RATE: Not determined
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not determined	FLASH POINT: None
AUTOIGNITION TEMP: None	FLAMMABILITY LIMITS: LEL: None UEL: None

10. Stability and Reactivity

STABILITY: Stable

CONDITIONS TO AVOID: None currently known.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known

Hazardous Decomposition during combustion

Substance

Carbon monoxide

Carbon dioxide

Oxides of Nitrogen

Oxides of Sulfur

HAZARDOUS POLYMERIZATION: Will not occur.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS:

INHALATION: Inhalation of aerosol may cause upper respiratory tract irritation.

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

EYE CONTACT: May cause mild eye irritation.

INGESTION: Not intended for ingestion. However, no unusual hazards are expected.

CHRONIC HAZARDS: None expected.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

CARCINOGEN: None of the components of this product are listed as carcinogens by OSHA, IARC, NTP or ACGIH.

Acute Toxicity Values:

Sodium Saccharin: Oral rat LD50: 14,200 mg/kg

12. Ecological Information

No ecotoxicological data is available for this product or its components at this time.

13. Disposal Considerations

Recycle, incinerate or landfill in accordance with all local, state/provincial and federal regulations.

14. Transport Information

Not regulated for transport by DOT, IATA, or IMDG.

15. Regulatory Information

EPA SARA 311/312 HAZARD CLASSIFICATION: Not hazardous
 EPA SARA 313: This Product Contains the Following Chemicals Subject to Annual Release Reporting
 Requirements Under SARA Title III, Section 313 (40 CFR 372): None

CERCLA SECTION 103: This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CALIFORNIA PROPOSITION 65: This product contains the following substances known to the State of California to cause cancer, birth defects or other reproductive harm: None.

INTERNATIONAL INVENTORIES:

CANADIAN ENVIRONMENTAL PROTECTION ACT: All of the ingredients are listed on the Canadian Domestic Substances List.

EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) : All of the ingredients are listed on the EINECS inventory.

AUSTRALIA: All of the ingredients of this product are listed on the Australian Inventory of Chemical Substances

JAPAN: All of the ingredients of this product are listed on the Japanese Existing and New Chemical Substances (MITI) List.

KOREA: All of the ingredients of this product are listed on the Korean Existing Chemicals List (KECL).

CHINA: All of the ingredients of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

PHILIPPINES: All of the ingredients of this product are listed on the Philippines Inventory of Chemicals and Chemical Substances (PICCS).

NEW ZEALAND: All of the ingredients of this product are listed on the Hazardous Substances and New Organisms (HSNO) List.

16. Other Information

NFPA Rating: Fire: 0

Health: 0

Instability: 0

REVISION SUMMARY: 08/17/18 - New

DISCLAIMER: The information on this Safety Data Sheet is believed to be correct as of the date issued. Louis M Gerson Co makes no warranties, express or implied of merchantability for a particular purpose or course of performance or usage of trade. They are offered for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulation