

**1. IDENTIFICATION****Product Name:** Saccharin Sensivity and Fit Test Solutions

Date Prepared:	2/20/2020
Manufacturer:	O&M Halyard, Inc. 9120 Lockwood Boulevard Mechanicsville, VA 23116
Telephone: MEDICAL EMERGENCY: TRANSPORTATION EMERGENCY: INFORMATION:	Call 911 or your local Emergency Room or Poison Control Services Chemtrec 1-800-424-9300 or 1-703-527-3887 (collect calls accepted) 1-844-HALYARD

**Product Use:** Respirator fit testing**2. HAZARDS IDENTIFICATION****GHS Classification:** Not Hazardous**GHS Labeling:** No GHS labeling required.**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<i>Chemical Name</i>	<i>CAS-No./ EINECS-No</i>	<i>%</i>	<i>GHS Classification:</i>
Sodium Saccharin	128-44-9 / 204-886-1	<1 – 45%	Not Hazardous
Water	7732-18-5 / 231- 791-2	55->99%	Not Hazardous

**4. FIRST AID MEASURES****Inhalation:** Move to fresh air. Seek medical advice if cough, shortness of breath or other respiratory problems occur.**Skin contact:** Wash with soap and water.**Eye contact:** Rinse with plenty of water. Obtain medical attention if irritation persists.**Ingestion:** No first aid should be needed. Seek advice of medical personnel if gastrointestinal symptoms occur.**Most Important symptoms and effects, both acute and delayed:** May cause mild eye irritation.

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**Indication of any immediate medical attention and special treatment needed:** None required.

## 5. FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) Extinguishing Media:** Use media suitable for surrounding materials.

**Specific Hazards Arising from the Chemical:** None.

**Hazardous Combustion Products:** Combustion may produce carbon monoxide and carbon dioxide.

**Special Protective Equipment and Precautions for Fire-fighters:** None required.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Wear appropriate protective clothing and equipment.

**Environmental Precautions:** Report releases as required by local and federal regulations.

**Methods and Materials for Containment and Cleaning Up:** No special precautions required. Wipe up or flush to sewer.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with eyes.

**Conditions for Safe Storage, including any Incompatibilities:** No special storage conditions required.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limit(s)

Chemical Name	Exposure limit(s)
Sodium Saccharin	None established

**Appropriate Engineering Controls:** No special ventilation normally required.

**Individual Protection Measures, such as Personal Protective Equipment:**

**Respiratory Protection:** No personal respiratory protective equipment normally required.

**Protective Gloves:** None required for normal use.

**Eye Protection:** Safety glasses or goggles recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and Odor	Clear, colorless, odorless liquid. Sweet taste
Odor Threshold:	Not applicable
Boiling point/range	>212°F (100°C)
Melting point/range	Not available
Relative Density (water=1)	1.0
Vapor pressure	Not applicable
Vapor density (air=1)	Not applicable
Solubility	Complete in water
pH	7-8.5
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	Not available
Viscosity:	Not available
Volatile Organic Carbon Compounds (VOC) (g/L)	Not available
Flashpoint:	None.
Flammable Limits in Air % by Volume:	LEL (Lower):Not applicable UEL (Upper): Not applicable
Autoignition temperature:	None.
Decomposition temperature:	Not available
Flammability (solid, gas):	Not applicable

**10. STABILITY AND REACTIVITY**

**Reactivity:** Not reactive.

**Chemical Stability:** Stable at ambient temperature and pressure.

**Possibility of Hazardous Reactions:** None currently known.

**Conditions to Avoid:** None currently known.

**Incompatible Materials:** None currently known.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide

**11. TOXICOLOGICAL INFORMATION**

**Symptoms/Effects of Overexposure:**

**Inhalation:** Inhalation of aerosol may cause irritation to the upper respiratory tract.

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**Skin contact:** Prolonged skin contact may cause mild irritation in sensitive individuals.

**Eye contact:** May cause mild eye irritation.

**Ingestion:** Not intended for ingestion, however, no unusual hazards expected.

**Chronic toxicity:** None currently known.

**Carcinogenicity Data:** None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA or the EU CLP Annex VI.

**Reproductive Toxicity:** None currently known.

**Numerical Measures of Toxicity:**

Sodium Saccharin: LD50 Oral rat 9710 mg/kg, Dermal rabbit LD50 2187 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Sodium Saccharin: 96 hr LC50 Pimephales promelas 703.8 mg/L, 48 hr EC50 Daphnia magna >100 mg/L, 72 hr EC50 Desmodesmus subspicatus >100 mg/L

**Persistence and Degradability:** Sodium saccharin is inherently biodegradable.

**Bioaccumulative Potential:** Sodium saccharin has a BCF of 3.2. This suggests the potential for biaccumulation is low.

**Mobility in Soil:** No data available

**Other Adverse Effects:** None currently known.

## 13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all state, local and federal regulations.

## 14. TRANSPORT INFORMATION

**US DOT Shipping Description:** Not regulated

**IATA Shipping Description (Air):** Not regulated

**IMDG Shipping Description (Vessel):** Not regulated

## 15. REGULATORY INFORMATION

**US Regulations**

**EPA Toxic Substances Control Act (TSCA):** All of the components of this product are listed on the TSCA Inventory or exempted from TSCA.

**SARA 302 Listed Chemicals:** None.

**SARA 311/312 Hazard Categories:** Refer to Section 2 for OSHA Hazard Classification.

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**SARA 313 This Product Contains the Following Chemicals Subject to Annual Release Reporting Requirements Under the SARA Section 313 (40 CFR 372):** None.

**California Proposition 65:** This product does not contain chemicals listed per the Safe Drinking Water and Toxic Enforcement Act of 1986.

**Canadian CEPA:** All of the components are either listed on or exempted from the Domestic Substances List (DSL).

**EU EINECS Status:** All of the components of this product are listed on the EINECS Inventory or exempted from notification.

<b>16. OTHER INFORMATION</b>
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**Date Prepared:** 2/20/2020

**HMIS Rating:** Health 0 Fire 0 Physical Hazard 0

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