

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Number: 3601-5PAI

Product Name: Sta-Fresh I

Manufacturer: W. T. Lynch Foods Limited
72 Railside Road
Don Mills, Ontario
M3A 1A3

Emergency Phones:

Maria Rengifo – QC/QA Manager – Day (416) 449-5464 ext. 242

Sergio Monsalve – Director of Operations – Day (416) 449-5464 ext. 284

Doug Nowlan – VP of Operations and General Manager –24 hours (416) 219-6696

2. HAZARDS IDENTIFICATION

GHS Classification

Acute Toxicity Category 4 (Oral)

Eye Damage Category 1

Label Elements:



DANGER

Harmful if swallowed.

Causes serious eye damage.

Wash thoroughly after handling.

Do not eat, drink, or smoke when using this product.

Wear eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor.

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

Rinse mouth.

Dispose of contents and container in accordance with local, state, and federal regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>Weight (%)</u>
Sodium Metabisulfite	7681-54-4	92-95
Citric Acid	77-92-9	2-3
Sodium Bicarbonate	144-55-8	1-2
Silicon Dioxide	112926-00-8	0.5-1.5

4. FIRST-AID MEASURES

SKIN:

Wash skin with plenty of soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

EYES:

Flush eyes immediately with water for at least 15 minutes. Remove contact lenses if present after the first 5 minutes if you can do so easily and continue flushing. Get immediate medical attention.

INHALATION:

Remove to fresh air. Get immediate medical attention if signs of suffocation, irritation, difficulty breathing, or other symptoms develop.

INGESTION:

Rinse mouth with water and give 1 glass of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms develop.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

May irritate the skin. May cause irritation and/or burns to the eyes. Harmful if swallowed or inhaled. May cause severe and possibly fatal allergic reactions if inhaled or swallowed by some asthmatics and other 'sulfite-sensitive' individuals. Reacts with acids to form toxic and irritating sulfur dioxide gas. Releases sulfur dioxide if heated above 150°C (302°F).

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED:

Immediate medical attention is required for eye contact and allergic respiratory reaction. Treat symptomatically. Note potential for anaphylactic shock with allergic individuals.

5. FIREFIGHTING MEASURES

SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA:

Material is not flammable. Use extinguishing media appropriate for material in surrounding fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Releases toxic and irritating sulfur dioxide at fire temperatures.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTING:

Wear NIOSH-approved self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

Provide ventilation to clear sulfur dioxide fumes which may be generated by contact with water. Wear appropriate personal protective equipment.

ENVIRONMENTAL PRECAUTIONS:

Spills and releases may have to be reported to Federal and/or local authorities. See Section 15 regarding reporting requirements.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

Promptly sweep up material with minimum dusting and shovel into an empty container with a cover. Cautiously rinse the spill area with plenty of water.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: (See section 8 for recommended personal protective equipment.)

Avoid contact with skin, eyes, and clothing. Do not breathe dust. Do not eat or drink in the work area. Use normal personal hygiene and housekeeping. Keep away from water, ice, acids, heat, and oxidizing agents.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in a cool, dry, well-ventilated area away from HEAT, water, ice, acids, and oxidizing agents. Releases sulfur dioxide gas slowly at ambient temperatures. Do not use in unventilated spaces.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT**SKIN PROTECTION:**

For handling dry material, wear rubber gloves and full work clothing, including long-sleeved shirt and trousers. When handling solutions and there is prolonged or repeated contact, wear impervious gloves, clothing, and boots.

EYE PROTECTION:

Wear chemical safety goggles.

RESPIRATORY PROTECTION:

Where required, use a NIOSH-approved respirator for dust, mist and/or sulfur dioxide gas, as conditions indicate. Some exposures may require a NIOSH-approved self-contained breathing apparatus or supplied-air respirator. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134 and good industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid fine granular

COLOUR: White

ODOUR: Pungent Sulphur dioxide

10. STABILITY AND REACTIVITY

REACTIVITY:

Not normally reactive.

CHEMICAL STABILITY:

Normally stable.

POSSIBILITY OF HAZARDOUS REACTIONS:

Reacts with acids to form toxic and irritating sulfur dioxide gas.

CONDITIONS TO AVOID:

Avoid elevated temperatures. Temperatures above 150C (302F) cause the rapid evolution of toxic and corrosive sulfur dioxide gas.

INCOMPATIBILITIES:

Oxidizers: may cause strong exothermic reactions.

Acids, water, and ice: releases sulfur dioxide gas, which is toxic, corrosive, and potentially deadly. Water and/or ice speeds the production of sulfur dioxide gas.

HAZARDOUS DECOMPOSITION PRODUCTS:

Sulfur dioxide and sodium sulfide residue. Sodium sulfide is flammable, a dangerous fire risk, a strong irritant to skin and tissue, and is incompatible with acids.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH HAZARDS**ACUTE EFFECTS OF EXPOSURE:****SKIN:**

Repeated or prolonged contact with dust may cause irritation. Contact with solutions will cause skin irritation and possibly burns.

EYES:

Dust or mist may irritate or burn the eyes. Solutions will irritate or burn. Permanent eye injury is possible.

INHALATION:

Inhalation of dust or mist can irritate the respiratory tract. May cause severe or deadly allergic reactions in some asthmatics and sulfite sensitive individuals. Possible signs and symptoms of allergic reactions include bronchoconstriction, sweating, flushing, hives, rapid heart rate, decreased blood pressure, and anaphylaxis. Contact with acids, water and/or ice, releases sulfur dioxide gas which may be harmful or deadly if inhaled.

INGESTION:

May irritate the gastrointestinal tract. May cause severe or deadly allergic reactions in some asthmatics and sulfite sensitive individuals. Very large doses may cause violent colic, diarrhea, depression, and even death.

CHRONIC EFFECTS:

None known.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

The following ecotoxicity data is available for Sodium metabisulfite:

Daphnia EC50 48h 89 mg/L

Fish LC50 96h 32 mg/L

Algae EC50 72h 48 mg/L

PERSISTENCE AND DEGRADABILITY:

Chemical Oxygen Demand (COD) 168 mg/g

BIOACCUMULATIVE POTENTIAL:

No data available

MOBILITY IN SOIL:

No data available

OTHER ADVERSE EFFECTS:

No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF WASTE METHOD: Disposal of all waste must be done in accordance with municipal, provincial, and federal regulations.

14. TRANSPORTATION INFORMATION

N/A

15. REGULATORY INFORMATION

The Canadian Food and Drug Regulation states that it is prohibited to use this product on any fresh fruit or vegetables that is intended to be consumed raw except for grapes.

16. OTHER INFORMATION

ADDITIONAL INFORMATION:

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

3601-SDS.