

MATERIAL SAFETY DATA SHEET

Section I – Product/ Company Identification

1.1 Product trade name: Tastes Great™ Alginate flavoring
 1.2 Part number(s): 250-101, 250-102, 250-103, 250-103, 250-104
 250-105, 250-106, 250-107, 250-108, 250-111
 250-112, 250-113, 250-114, 250-115, 250-116
 250-117, 250-118, 250-119, 250-120, 250-121
 250-122, 251-101, 251-102, 251-103, 251-104
 251-106, 251-108, 251-109, 251-110

1.3 Manufacturer: Ortho Technology, Inc.
 Address: 17401 Commerce Park Blvd.
 Tampa, FL 33647
 (813) 991-5896

Date Revised: 08/14/00

Section II – Hazardous Ingredients/Identity information

Hazardous Components:	CAS NO.	OSHA PEL	ACGIH TLV
Propylene glycol	(57-55-6)	N/A	N/A
Sodium Saccharin	(82385-42-0)	15mg/m	10g/m

Natural and synthetic flavoring substances generally recognized as safe in food.

Section III – Physical/Chemical Characteristics

3.1 Boiling point: N/A
 3.2 Vapor pressure: N/A
 3.3 Vapor density: N/A
 3.4 Solubility in water: Partially soluble
 3.5 Appearance and odor: Oily liquid with characteristic odor and sweet taste.
 3.6 Specific gravity: (H₂O = 1) N/A
 3.7 Melting point: N/A
 3.8 Evaporation rate: (Butyl Acetate=1)N/A

Section IV – Fire and Explosion Hazard Data

4.1 Flash point (Method used): N/A
 4.2 Flammability (Explosive Limits): LEL: N/A UEL: N/A
 4.3 Extinguishing media: Water fog, carbon dioxide, foam, dry chemical, or water.
 4.4 Special fire fighting procedures: Wear self-contained breathing apparatus with a full-face piece, operated in the positive pressure demand mode when fighting fires.

4.5 Unusual fire and explosion hazards: Never use welding or cutting torch on or near drums (even empty) because product can ignite explosively. Water or foam may cause frothing which can endanger firefighters.

Section V – Reactivity Data

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| 5.1 Stability: | Stable |
| 5.2 Conditions to avoid: | Excessive heat. |
| 5.3 Incompatibility (Materials to avoid): | Avoid contact with strong oxidizing agents. |
| 5.4 Hazardous decompositions or byproducts: | May form toxic materials. |
| 5.5 Hazardous polymerization: | Will not occur |

Section VI – Health Hazard Data

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| 6.1 Route(s) of entry: | Inhalation, Skin, Ingestion |
| 6.2 Health hazards (acute and chronic): | Effects of overexposure: Injection of large doses of sodium saccharin to laboratory rats has been associated with the development of bladder tumors under extreme conditions. This has resulted in the classifying of saccharin as a suspect carcinogen by the U.S. National Toxicology Program (NTP) and by the (IARC). The weight of human evidence, however, shows no connection between ingestion and development of tumors. |
| 6.3 Carcinogenicity: | NTP, IARC monographs, OSHA regulated |
| 6.4 Signs and symptoms of exposure: | Eyes, skin – may cause irritation. Breathing of mist can cause irritation of nasal and respiratory passages. Swallowing can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. |
| 6.5 Medical conditions generally aggravated by exposure: | Person with pre-existing skin sensitivity. |
| 6.6 Emergency first aid procedures: | SKIN: Wash affected area thoroughly with water followed by soap and water. Seek medical attention immediately. |
| | INGESTION: If swallowed, immediately drink two glasses of water and induce vomiting by either giving ipecac syrup or by placing finger at back of throat. Seek medical attention immediately. |
| | INHALATION: N/A |
| | EYE CONTACT: Wash affected area thoroughly with water followed by soap and water. Seek medical attention immediately. |

Section VII – Precautions for safe handling and use

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| 7.1 Steps to be taken in case of spill: | Sweep up and reclaim (not for food of dental use) place in covered waste disposal. |
| 7.2 Waste disposal methods: | Current regulations requires handling saccharin as hazardous waste, in accordance with local, state, and federal (RCRA) regulations. |
| 7.3 Precautions to be taken in handling and storage: | Avoid excessive heat and humidity. |

Section VIII – Control Measures

8.1 Respiratory protection:	N/A
8.2 Ventilation:	Local exhaust: Recommended
8.3 Protective gloves:	Recommended
8.4 Eye protection:	Recommended
8.5 Other protective clothing or equipment:	N/A
8.6 Work/Hygienic practices: professional manner.	Normal safe practices. Use only in a highly

NFPA HAZARD CLASSIFICATIONS

Health	1	NFPA – National Fire Protection Association
Flammability	3	N/A – Not Applicable
Reactivity	0	N/E – Not Established
Specific Hazard	N/A	

The information contained herein is furnished without warranty of any kind. Users should consider this data as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.