

SAFETY DATA SHEET

I. PRODUCT AND COMPANY IDENTIFICATION

COMPANY NAME: FLAVOR WAVES INC
ADDRESS: 3175 E. Warm Springs Rd. #105
Las Vegas, NV 89120
TELEPHONE: 888-968-2783

PRODUCT CODE: HO-51004
PRODUCT NAME: NAT HONEYCOMB TYPE FLAVOR
RECOMMENDED USE: Flavoring

FOR 24-HOUR EMERGENCY CALL INFOTRAC 800-535-5053

II. HAZARDS IDENTIFICATION

SIGNAL WORD: WARNING

CLASSIFICATIONS:



GHS07

- H315 Causes skin irritation
- H319 Causes serious eye irritation
- H317 May cause an allergic skin reaction
- H335 May cause respiratory irritation

PRECAUTIONARY STATEMENTS:

- P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking
- P233 Keep container tightly closed
- P235 + P410 Keep cool. Protected from sunlight
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray
- P264 Wash hands, forearms, and exposed areas thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area
- P280 Wear protective gloves/protective clothing/eye protection/face protection
- P284 Wear respiratory protection
- P303 + P361 + P353 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P370 + P378 In case of fire: Use appropriate media to extinguish.
- P402 Store in a dry place.
- P501 Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

III. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS number	%
Propylene Glycol	57-55-6	89% to 99%

FEMA NO.: None
CAS NO.: None

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

THE INDIVIDUAL CHEMICAL IDENTITIES OF THE INGREDIENTS OF THIS MIXTURE ARE CONSIDERED TO BE PROPRIETARY INFORMATION AND TRADE SECRETS. AS SUCH THEY ARE WITHHELD IN ACCORDANCE WITH THE PROVISIONS OF CFR 1910.1200 OF TITLE 29.

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CERTAIN HAZARDOUS SUBSTANCES WHICH CONTRIBUTE SIGNIFICANTLY TO THE HAZARDS OF THIS PRODUCT ARE LISTED ABOVE IN THE INGREDIENT SECTION.

IV. FIRST-AID MEASURES

General: Never give anything by mouth to an unconscious person. If exposed or concerned: Get medical advice/attention.
Inhalation: Move patient to place with fresh air. Obtain medical advice if necessary.
Eye contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical advice if necessary.
Skin Contact: Remove contaminated clothing. Rinse immediately with large amounts of water. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse.
Ingestion: Get medical advice and attention if you feel unwell. Rinse mouth. Do NOT induce vomiting.

V. FIRE FIGHTING MEASURES

Flammability of the product: Combustible liquid.
Unusual fire and explosion hazards: Closed containers may build up pressure at high temperatures. May form flammable/explosive vapor-air mixture. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined places. Runoff to sewer may cause fire or explosion hazard.
Reactivity: May react with (strong) oxidizers: (increased) risk of fire/explosion
Extinguishing media: Alcohol-resistant foam, Carbon Dioxide, dry chemical, water spray, fog.
Unsuitable extinguishing media: Do not use a heavy water stream. A heavy water stream may spread burning liquid. Water may be ineffective because it may not cool material below its flash point.
Hazardous combustible or decomposition products: Not determined
Fire precautionary measures: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.
Firefighting instructions: Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.
Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

VI. ACCIDENTAL RELEASE MEASURES

PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED: Wear protective gloves and goggles. Wet material is slippery. Dike spills to minimize contamination and prevent entry into sewers and public waters. Wipe up with standard absorbants. Do not take up in combustible material.

WASTE DISPOSAL METHODS: Dispose of properly in accordance with pertinent local, state, and federal regulations.

VII. HANDLING AND STORAGE

Precautions for Safe Handling

Additional hazards when processed: Handle empty containers with care because they retain product residue and can be hazardous.
Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

Cautions for Safe Storage, Including Any Incompatibilities

Storage conditions: Store in a dry, cool, and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Keep in fireproof place. Do not store in unlabeled containers.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Exposure Limits
Propylene Glycol	Consult local authorities for acceptable exposure limits.

Exposure Controls

Appropriate engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide sufficient ventilation to keep vapors below permissible exposure limit. Gas detectors should be used when flammable gases/vapors may be released. Ensure all national/local regulations are observed.
Personal protection: Normal hygiene practices to avoid contact with skin, eyes and clothing.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: colorless to pale amber clear liquid

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COLOR: colorless to pale amber
FORM: liquid
ODOR: honey-like
ODOR THRESHOLD: Not Determined
PHYSICAL STATE: liquid
pH: Not Determined
FREEZING POINT: Not Determined
BOILING POINT: Not Determined
POUR POINT: N/A
EVAPORATION RATE: Not Determined
FLASH POINT: 190°F (87.8°C)
AUTO-IGNITION TEMP: N/A
FLAMMABILITY: Not Determined
VAPOR PRESSURE: Not Determined
VAPOR DENSITY: Not Determined
SPECIFIC GRAVITY: 1.032 ± 0.02
OCTONAL/WATER COEF: Not Determined
SOLUBILITY IN WATER: Soluble
VISCOSITY: Not Determined

X. STABILITY AND REACTIVITY

Reactivity: May react with (strong) oxidizers: (increased) risk of fire/explosion.
Chemical stability: Stable at standard temperature and pressure.
Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to avoid: Direct sunlight. Extremely high or low temperatures. Open flame. Ignition sources.
Hazardous decomposition products: Under normal condition of storage and use, hazardous decomposition products should not be produced.

XI. TOXICOLOGICAL INFORMATION

Acute toxicity: Not classified

LD50 and LC50 data:

Propylene Glycol	
LD50 Dermal Rabbit	21000 mg/kg
LD50 Oral Rat	22000 to 31000 mg/kg

Symptoms/Injuries after inhalation: Prolonged exposure to liquid may cause mild irritation.
Symptoms/Injuries after skin contact: Repeated or prolonged skin contact may cause dermatitis and defatting.
Symptoms/Injuries after eye contact: May cause serious eye irritation. Symptoms may include: redness, pain, swelling, itching, burning, tearing, and blurred vision.
Symptoms/Injuries after ingestion: Aspiration hazard if swallowed. Can enter lungs and cause damage.
Chronic symptoms: None expected under normal condition use.

XII. ECOLOGICAL INFORMATION

Propylene Glycol

Toxicity

Ecology - General: Readily biodegrades. This product shows a low bioaccumulation potential.

EC50 Algae	19000 mg/l (Exposure time: 72 h)
EC50 Daphnia	18340 mg/l (Exposure time: 48 h)
LC50 Fish	40.613 mg/l (Exposure time: 96 h)
LC50 Fish	23800 mg/l (Exposure time: 96 h)
LC50 Fish	51400 mg/l (Exposure time: 96 h)
NOEC Bacteria	20000 mg/l (Exposure time: 18 h)

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Persistence and Degradability

Persistence and Degradability: Period - 28 days Result - 60%
Readily biodegradable

Bioaccumulative Potential

Log Pow: -1
BCF: 0.09
Bioaccumulative Potential: low

XIII. DISPOSAL CONSIDERATIONS

Dispose of properly in accordance with pertinent local, state, and federal regulations.

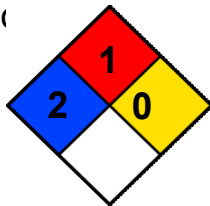
XIV. TRANSPORT INFORMATION

Not regulated as dangerous goods.

XV. REGULATORY INFORMATION

HCS Classification: Irritating material

NFPA RATINGS



Health = 2
Flammability = 1
Reactivity = 0

XVI. OTHER INFORMATION

ISSUE DATE: May-19

The information submitted, to the best of our knowledge, is true and accurate. All recommendations or suggestions pertaining to product labeling, product use, or production procedures are made without warranty or guarantee and users should conduct their own tests to determine the stability for their own particular purposes. Manufacturers of Specially Formulated Flavors for the Confectionery, Beverage, Dairy, Bakery, Novelty, Popcorn, Processed Food, Cosmetic and Pharmaceutical Industries.