STIRLING
PROFESSIONAL

Safety Data Sheet
SDS

Safety Data Sheet

METHYLENE BLUE GUMMIES 5MG • DIETARY SUPPLEMENT (CHEWABLE GUMMY) · 16-SECTION FORMAT (OSHA HCS 2012 / GHS)

1 Product & Company Identification

Product Name	Methylene Blue Gummies 5mg
Product Code / SKU	SPG-150MTB
Product Use	Dietary supplement, oral (chewable gummy)
Restrictions for Use	See Section 16
Manufacturer / Supplier	Stirling Professional 2500 Regency Parkway, Suite 283 Cary, NC 27518, USA
Product Information	800-201-2840 x2
Product Ingredients	Organic Tapioca Syrup, Organic Cane Sugar, Water, Pectin, Organic Elderberry Extract, Blueberry Extract, Methylene Blue (USP); and less than 2% of: Natural Flavor, Natural Color (Spirulina), Citric Acid, L-Ascorbic Acid (Vitamin C).
Format	4 g gummy · 30 gummies per jar · 5 mg methylene blue per serving
Flavor	Blueberry

2 Hazards Identification

GHS Classification	A formal GHS hazard classification for the finished product has not been supplied and should be established by a hazard assessment of the finished gummy. ***To be confirmed***.
Component of Note	This product contains methylene blue (USP), CAS 61-73-4 — an intensely colored, pharmacologically active dye present at approximately 0.13% (5 mg per 4 g gummy). It is not a benign food additive; see Section 16.
Physical Hazards on Contact	Methylene blue is a strong dye and will stain skin, nails, clothing, and surfaces blue. Direct contact with concentrated material may cause mild eye or skin irritation.
Other Hazards	Oral consumption may cause harmless, temporary blue-green discoloration of urine or stool.

3 Composition / Information on Ingredients

Hazardous / Notable Components	Methylene Blue (USP) — CAS 61-73-4 — approx. 0.13% (5 mg per 4 g gummy).
Other Ingredients	Organic tapioca syrup, organic cane sugar, water, pectin, organic elderberry extract, blueberry extract, and (<2%) natural flavor, natural color (spirulina), citric acid (CAS 77-92-9), and L-ascorbic acid (CAS 50-81-7). Food-grade; no disclosure required under OSHA HCS 2012.

4 First-Aid Measures

General Advice	If you feel unwell, seek medical advice (show the label or this SDS where possible).
Inhalation	Not an expected route of exposure for this product. Move to fresh air if particulates are generated.
Skin Contact	Wash with soap and water. Note that methylene blue may leave temporary blue staining. Obtain medical attention if irritation persists.
Eye Contact	Flush eyes with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
Ingestion	This product is intended for oral consumption at the labeled serving (1–2 gummies). If an amount significantly greater than the recommended serving is ingested, seek medical advice.
Notes to Physician	Product contains methylene blue. See Section 16 regarding interactions with serotonergic medications and other precautions. Treat symptomatically.

5 Fire-Fighting Measures

Suitable Extinguishing Media	Water, foam, dry chemical, carbon dioxide (CO2).
Unsuitable Extinguishing Media	No applicable data available.
Specific Hazards	Exposure to decomposition products may be hazardous to health.
Special Protective Equipment	No self-contained breathing apparatus and protective equipment needed.
Further Information	Evacuate personnel to safe areas. Evacuate personnel and keep upwind of fire.

6 Accidental Release Measures

Note	Review Fire-Fighting Measures and Handling (Personnel) sections before proceeding with clean-up. Use appropriate personal protective equipment during clean-up.
Safeguards (Personnel)	Wear gloves to avoid staining. Avoid generating dust from any damaged product.
Environmental Precautions	Do not flush into surface water or sanitary sewer system. Methylene blue is a persistent dye and may color water.
Spill Clean-Up	Collect solid product and transfer to a container for disposal according to local/national regulations (see Section 13). Clean stained surfaces promptly; dye residue may require repeated cleaning.
Accidental Release Measure	No applicable data available.

7 Handling & Storage

Handling (Personnel)	Follow good industrial hygiene and food-handling practices. Gloves are recommended when handling bulk or damaged product to avoid staining.
Handling (Physical Aspects)	No applicable data available.
Storage	Store in a cool, dry place. Keep container tightly closed to prevent contamination and protect from light and heat. Keep out of reach of children.
Storage Period	Use by the “Best By” date printed on the product label.
Storage Temperature	***To be confirmed***
Maximum Temperature	***To be confirmed***

8 Exposure Controls / Personal Protection

Control Parameters	For substances listed in Section 3 that are not listed here, there are no established occupational exposure limits from ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).
Engineering Controls	Ensure adequate ventilation, especially in confined areas.
Respiratory Protection	Not normally required under recommended conditions of use.
Eye Protection	Safety glasses recommended when handling bulk or damaged product.
Skin & Body Protection	Gloves recommended when handling bulk or damaged product to avoid staining.
Exposure Guidelines	The finished product does not have established exposure limit values. Refer to the raw-material supplier SDS for methylene blue (CAS 61-73-4) for component-level guidance.

9 Physical & Chemical Properties

Physical State	Solid
Form	Gummy (chewable, pectin base)
Color	Blue
Odor	Blueberry (characteristic)
Odor Threshold	No applicable data available.
pH	***To be confirmed***
Melting / Softening Point	***To be confirmed***
Boiling Point	Not applicable (solid)
Flash Point	No applicable data available.
Evaporation Rate	Not applicable (solid)
Flammability (solid)	***To be confirmed***
Explosion Limits (upper/lower)	No applicable data available.
Vapor Pressure / Density	Not applicable (solid)
Specific Gravity (rel. density)	***To be confirmed***
Water Solubility / Solubility	Soluble / dispersible in water; the methylene blue component is highly water-soluble.
Partition Coefficient (n-octanol/water)	No applicable data available.
Auto-Ignition Temperature	No applicable data available.
Decomposition Temperature	No applicable data available.
Viscosity	Not applicable (solid)

10 Stability & Reactivity

Reactivity	No applicable data available.
Chemical Stability	Stable at normal temperatures and storage conditions.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Excessive heat, direct sunlight, and high humidity.
Incompatible Materials	Strong oxidizing agents and strong reducing agents.
Hazardous Decomposition Products	No decomposition if stored normally.

11 Toxicological Information

Finished Product	No toxicological data is available on the finished product itself.
Methylene Blue Component	Methylene blue is a well-characterized substance (CAS 61-73-4). Consult the raw-material supplier SDS for component-level toxicological data. At elevated doses methylene blue acts as a monoamine oxidase inhibitor — see Section 16.
Skin / Eye	Direct contact with concentrated material may cause mild irritation and staining.
Route of Exposure	Intended for oral consumption as a dietary supplement per label directions.
Carcinogenicity	None of the components present in this material are listed as a carcinogen by IARC, NTP, or OSHA at the concentrations present. ***To be confirmed*** by finished-product assessment.

12 Ecological Information

Additional Ecological Information	No data is available on the finished product. Methylene blue is a dye that can color water; avoid release to the environment.

13 Disposal Considerations

Waste Disposal Methods – Product	Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations.
Contaminated Packaging	Dispose of in accordance with local regulations.

14 Transport Information

DOT / IMO / IATA	The finished product is not expected to be regulated as a dangerous good. Confirm for any bulk methylene blue raw material, which may carry its own classification.
Classification	***To be confirmed*** for finished product.

15 Regulatory Information

FDA	***To be confirmed***. The regulatory status of methylene blue as a dietary ingredient should be verified with qualified regulatory counsel before distribution. This product is not intended to diagnose, treat, cure, or prevent any disease.
TSCA	Ingredients used in a food / dietary-supplement application are exempt from TSCA inventory requirements.
SARA 311/312 Hazard Classification	***To be confirmed*** by finished-product hazard assessment.
SARA 313 Regulated Chemical(s)	This material is not expected to contain chemical compounds exceeding SARA Title III, Section 313 (De Minimis) thresholds. ***To be confirmed***.
California Prop. 65	***To be confirmed*** prior to distribution in California.

16 Other Information

Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. This information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release, and is not to be considered a warranty of quality specification.
Active-Ingredient Note	This product contains methylene blue (USP), a pharmacologically active substance that acts as a monoamine oxidase inhibitor. It can interact with serotonergic medications (e.g., SSRIs, SNRIs, MAOIs) and may pose risks for individuals with G6PD deficiency and during pregnancy or breastfeeding. Consumer-facing warnings and directions for use should be reviewed and finalized by a qualified regulatory / medical reviewer. This SDS is a handling document and is not label copy or medical guidance.
Preparation Note	Fields marked “***To be confirmed***” require finished-product data or a regulatory review and should be completed before external distribution.
Issue Date	06/01/2026
Revision Date	06/01/2026
Reference	20260601

Manufacturer document. This Safety Data Sheet is authored by Stirling Professional and is not a laboratory Certificate of Analysis. This product contains methylene blue, a pharmacologically active substance, so the hazard classification has not been defaulted to "non-hazardous" — it, along with physical-property and regulatory fields shown as “To be confirmed,” requires a finished-product hazard assessment and regulatory review before external distribution.