

SAFETY DATA SHEET



Issuing Date 30-May-2019

Revision date 08-Jul-2020

Revision Number 3

1. Identification

Product identifier

Product Name Soft Gel Part B

Other means of identification

Product Code(s) ZG910702

Synonyms ZG910702-01, ZG910702-05, ZG910702-50, ZG910702-CN

Recommended use of the chemical and restrictions on use

Recommended use Industrial use

Restrictions on use No information available

Details of the supplier of the safety data sheet

Manufacturer Address

W. M. Plastics, Inc 5301 Terminal Street,
Suite A, Charlotte, NC 28208 USA

Distributor

W. M. Plastics, Inc 5301 Terminal Street, Suite A, Charlotte, NC 28208 USA

Emergency telephone number

Company Phone Number Non-emergency 1-704-599-0511

24 Hour Emergency Phone Number Infotrac 1-800-535-0853 24 Hour (US & Canada)

Emergency Telephone Infotrac 800 535-0853 24 Hour (US & Canada)

2. Hazard(s) identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Respiratory sensitization

Category 1***

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

Danger***

Hazard statements

May cause allergy or asthma symptoms or breathing difficulties if inhaled***



Appearance Liquid **Physical state** Liquid **Odor** Slight

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
 In case of inadequate ventilation wear respiratory protection***

Precautionary Statements - Response

 IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing
 If experiencing respiratory symptoms: Call a POISON CENTER or doctor***

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant***

Other information

Very toxic to aquatic life with long lasting effects***

Unknown acute toxicity 0.009063 % of the mixture consists of ingredient(s) of unknown toxicity***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute oral toxicity***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)***

3. Composition/information on ingredients

Substance

Not applicable.***

Mixture ***

Synonyms ZG910702-01, ZG910702-05, ZG910702-50, ZG910702-CN.

Chemical name	CAS No.	Weight-%	Trade secret
Additive Moisture	4083-64-1	0.1 - 1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General advice Show this safety data sheet to the doctor in attendance.***

Inhalation May cause allergic respiratory reaction. If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Avoid direct contact with skin. Use

	barrier to give mouth-to-mouth resuscitation. Get immediate medical advice/attention.***
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.***
Ingestion	May produce an allergic reaction. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.***
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. See section 8 for more information.***

Most important symptoms and effects, both acute and delayed

Symptoms	May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/ or wheezing. Itching. Rashes. Hives.***
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Indication of any immediate medical attention and special treatment needed

Note to physicians	May cause sensitization in susceptible persons. Treat symptomatically.***
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5. Fire-fighting measures

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical	Product is or contains a sensitizer. May cause sensitization by inhalation and skin contact.***
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.***
Other information	Refer to protective measures listed in Sections 7 and 8.***

Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Pick up and transfer to properly labeled containers.

7. Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Provide extract ventilation to points where emissions occur. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes.***

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.***

8. Exposure controls/personal protection

Control parameters

Exposure Limits The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.***

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).***

Hand protection Wear suitable gloves.***

Skin and body protection Wear suitable protective clothing.***

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use.***

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Liquid
Color	amber
Odor	Slight
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	None known
Melting point / freezing point	No data available	None known

Boiling point / boiling range	> 200	None known
Flash point	> 200 °C / °F	
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	.972	***
Water solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other information

Explosive properties	No information available
Oxidizing properties	No information available
Softening point	No information available
Molecular weight	No information available
VOC Content (%)	<0.02 g/L .?***
Liquid Density	9.2
Bulk density	No information available

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

11. Toxicological information**Information on likely routes of exposure**

Product Information	***
Inhalation	Specific test data for the substance or mixture is not available. May cause sensitization in susceptible persons. (based on components).***
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).***
Ingestion	Specific test data for the substance or mixture is not available. May cause additional affects

as listed under "Inhalation".***

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Coughing and/ or wheezing.***

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .***

ATEmix (oral) 60,130.30*** mg/kg***
 ATEmix (dermal) 15,880.61*** mg/kg***
 ATEmix (inhalation-dust/mist) 26.776*** mg/l***

Unknown acute toxicity 0.009063 % of the mixture consists of ingredient(s) of unknown toxicity***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute oral toxicity***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)***

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Additive Moisture 4083-64-1	= 2234 mg/kg (Rat)	-	> 640 ppm (Rat) 1 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization May cause sensitization by inhalation.***

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

Ecotoxicity	Very toxic to aquatic life with long lasting effects.***
Persistence and degradability	No information available.
Bioaccumulation	There is no data for this product.
Other adverse effects	No information available.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.
US EPA Waste Number	U037

14. Transport information

<u>DOT</u>	Item 46030 Liquid Plastics NOI Not Regulated Class 55
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>ICAO (air)</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. Regulatory information

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
IECSC	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AICS** - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:***

Chemical name	California Proposition 65
DIDP	Developmental

U.S. State Right-to-Know Regulations

US State Regulations

This product does not contain any substances regulated by state right-to-know regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
DIDP 68515-49-1	-	-	X
Diphenylmethane Diisocyanate, isomers and homologues 9016-87-9	X	-	-
Monochlorobenzene 108-90-7	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	Health hazards 2***	Flammability 1	Instability 0	Physical and chemical properties -
HMIS	Health hazards 2****	Flammability 1	Physical hazards 0	Personal protection X
<i>Chronic Hazard Star Legend</i>	<i>* = Chronic Health Hazard***</i>			

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Key literature references and sources for data used to compile the SDS

- Agency for Toxic Substances and Disease Registry (ATSDR)
- U.S. Environmental Protection Agency ChemView Database
- European Food Safety Authority (EFSA)
- EPA (Environmental Protection Agency)
- Acute Exposure Guideline Level(s) (AEGl(s))
- U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
- U.S. Environmental Protection Agency High Production Volume Chemicals
- Food Research Journal
- Hazardous Substance Database
- International Uniform Chemical Information Database (IUCLID)
- Japan GHS Classification
- Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
- NIOSH (National Institute for Occupational Safety and Health)
- National Library of Medicine's ChemID Plus (NLM CIP)
- National Library of Medicine's PubMed database (NLM PUBMED)
- National Toxicology Program (NTP)
- New Zealand's Chemical Classification and Information Database (CCID)
- Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
- Organization for Economic Co-operation and Development High Production Volume Chemicals Program
- Organization for Economic Co-operation and Development Screening Information Data Set
- RTECS (Registry of Toxic Effects of Chemical Substances)
- World Health Organization

Issuing Date	30-May-2019
Revision date	08-Jul-2020
Revision Note	No information available.

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. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

Data for Regulatory Rules

Region	Template name	Revision Note
United States of America	AGHS	2.0

Acute health hazard	Yes***
Chronic Health Hazard	Yes***
TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not comply
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

GHS Product Information

Physical state	Liquid
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Americas (OSHA)

GHS Classification

Signal word Danger***

Respiratory sensitization	Category 1***
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Hazard statements	May cause allergy or asthma symptoms or breathing difficulties if inhaled***
Signal word	Danger***
Respiratory sensitization	- (H334)***
Graphic	



Hazard statements	May cause allergy or asthma symptoms or breathing difficulties if inhaled***
Hazard statements	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled***
Precautionary Statements - EU (§28, 1272/2008)	P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician P304 + P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing P308 + P313 - IF exposed or concerned: Get medical advice/attention***

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
In case of inadequate ventilation wear respiratory protection***

Precautionary Statements - Response

Inhalation

IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing
If experiencing respiratory symptoms: Call a POISON CENTER or doctor***

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant***

The following values are calculated based on chapter 3.1 of the GHS document ***

ATEmix (oral)	60,130.30***
mg/kg***	
ATEmix (dermal)	15,880.61***
mg/kg***	
Inhalation	***
ATEmix (inhalation-dust/mist)	26.776***
mg/l***	

Contains Additive Moisture	
Unknown aquatic toxicity	0.00906 % of the mixture consists of component(s) of unknown hazards to the aquatic environment***
Unknown Acute Aquatic Toxicity	2.35947***
Unknown Chronic Aquatic Toxicity	0.00906***
Product ATE Oral Status	1***
Product ATE Dermal Status	1***
Product ATE Inhalation - Gas Status	1***
Product ATE Inhalation - Vapor Status	1***
Product ATE Inhalation - Dust/Mist Status	1***
Product Skin Corrosion Status	1***
Product Eye Damage Status	1***
Product Respiratory Sens. Status	1***
Product Skin Sensitization Status	1***
Product Mutagenic Status	1***
Product Carcinogenic Status	1***
Product Reproductive Toxicity Status	1***
Product STOT Single Status	1***
Product STOT Repeated Status	1***
Product Aquatic Toxicity Status	1***
Product Aspiration Toxicity Status	1***
Product Ozone Status	1***
Product and Component Overall	1***

Classification Status

Unknown acute toxicity 0.009063 % of the mixture consists of ingredient(s) of unknown toxicity***

0.009063 % of the mixture consists of ingredient(s) of unknown acute oral toxicity***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)***
 0.009063 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)***

Label elements

(Bad file name)

WARNING!*** This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.***

Chemical name	California Proposition 65
DIDP - 68515-49-1	Developmental