

SAFETY DATA SHEET

Issuing Date 05-Sep-2019

Revision date 05-Sep-2019

Revision Number 1

1. Identification

Product identifier

Product Name C-636 -Green

Other means of identification

Product Code(s) ZCPDC636-GREEN

Document ZCPDC636-GREEN

Synonyms -S, -QT, -GL, -5G, -55DM, -30DM, 20KG, 230KG, 21KG, 22KG, 25KG, DM, 50DM, 28KG, 302KG, 600DM, 304KG, LB

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

GS Plastics, LLC, 23580 Craigs Creek Rd, New Castle, VA 24127

Emergency telephone number

Company Phone Number Non emergency 276 629-7981

24 Hour Emergency Phone Number -

Emergency Telephone Chemtrec 1-800-424-9300

2. Hazard(s) identification

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazards not otherwise classified (HNOC)

Not applicable

Label elements

Hazard statements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance viscous	Physical state Liquid	Odor Slight
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Other information

Toxic to aquatic life with long lasting effects
Toxic to aquatic life

Unknown acute toxicity 99.55943826 % of the mixture consists of ingredient(s) of unknown toxicity
20.87943826 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
20.87943826 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
99.55943826 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
99.55943826 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
99.55943826 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. Composition/information on ingredients**Substance**

Not applicable.

Mixture

Synonyms -S, -QT, -GL, -5G, -55DM, -30DM, 20KG, 230KG, 21KG, 22KG, 25KG, DM, 50DM, 28KG, 302KG, 600DM, 304KG, LB.

Chemical name	CAS No.	Weight-%	Trade secret
Plasticizer 14	103-23-1	60 - 80	*
PVC Resin 01	9002-86-2	10 - 20	*
Filler 129	112926-00-8	1 - <3	*
Plasticizer 34	8013-07-8	1 - <3	*

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

4. First-aid measures**Description of first aid measures**

Inhalation Remove to fresh air.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact Wash skin with soap and water.

Ingestion Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

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	No information available.
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 Ensure adequate ventilation.

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.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

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.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
PVC Resin 01 9002-86-2	TWA: 1 mg/m ³ respirable particulate matter	-	-
Filler 129 112926-00-8	-	(vacated) TWA: 6 mg/m ³ TWA: 20 mppcf : (80)/(% SiO ₂) mg/m ³ TWA	-

Appropriate engineering controls

Engineering controls Showers
 Eyewash stations
 Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Skin and body protection No special protective equipment required.

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 Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid
Appearance viscous
Color green
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 No data available	None known
Flash point	>200 No data available	None known
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	1.1 to 1.3	
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 No information available
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.
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.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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Acute toxicity

Numerical measures of toxicity

No information available

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

ATEmix (oral)	5,741.80 mg/kg
ATEmix (dermal)	8,568.10 mg/kg

Unknown acute toxicity 99.55943826 % of the mixture consists of ingredient(s) of unknown toxicity
 20.87943826 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
 20.87943826 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
 99.55943826 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
 99.55943826 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
 99.55943826 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Plasticizer 14 103-23-1	= 5600 mg/kg (Rat)	= 8410 mg/kg (Rabbit)	-
Plasticizer 34 8013-07-8	= 40 g/kg (Rat)	> 20 mL/kg (Rabbit)	-

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

Skin corrosion/irritation	No information available.
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Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Plasticizer 14 103-23-1	-	Group 3	-	-
PVC Resin 01 9002-86-2	-	Group 3	-	-
Filler 129 112926-00-8	-	Group 3	-	-

Legend

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

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 Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Plasticizer 14 103-23-1	EC50: >500mg/L (72h, <i>Desmodesmus subspicatus</i>)	LC50: 0.48 - 0.85mg/L (96h, <i>Lepomis macrochirus</i>) LC50: 0.48 - 0.85mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 0.48 - 0.85mg/L (96h, <i>Pimephales promelas</i>) LC50: 54 - 150mg/L (96h, <i>Salmo gairdneri</i>)	-	EC50: >1.6mg/L (48h, <i>Daphnia magna</i>)
Plasticizer 34 8013-07-8	EC50: =8mg/L (72h, <i>Desmodesmus subspicatus</i>)	LC50: =900mg/L (48h, <i>Leuciscus idus</i>)	-	EC50: >100mg/L (24h, <i>Daphnia magna</i>)

Persistence and degradability No information available.

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
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Plasticizer 14 103-23-1	8.114
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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	U043

14. Transport information

<u>DOT</u>	Not regulated
<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
DINP	Carcinogen
Carbon Black	Carcinogen
Vinyl Chloride Monomer	Carcinogen

U.S. State Right-to-Know Regulations

US State Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Plasticizer 14 103-23-1	X	X	X
PVC Resin 01 9002-86-2	X	-	-
Filler 129 112926-00-8	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	Health hazards 0	Flammability 0	Instability 0	Physical and chemical properties -
HMIS	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

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

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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

TSCA	Does not comply
DSL/NDL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply

PICCS Does not comply
 AICS Does not comply

GHS Product Information

Physical state Liquid

Americas (OSHA)

GHS Classification

Not Hazardous Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)
 Hazard statements EUH210 - Safety data sheet available on request

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

ATEmix (oral) 5,741.80 mg/kg

ATEmix (dermal) 8,568.10 mg/kg

Unknown aquatic toxicity 0.06944 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Unknown Acute Aquatic Toxicity 21.303

Unknown Chronic Aquatic Toxicity 0.06944

- 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 Classification Status 1

Unknown acute toxicity 99.55943826 % of the mixture consists of ingredient(s) of unknown toxicity
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 99.55943826 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
 99.55943826 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Other hazards Toxic to aquatic life with long lasting effects Toxic to aquatic life

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
DINP - 28553-12-0	Carcinogen
Carbon Black - 1333-86-4	Carcinogen
Vinyl Chloride Monomer - 75-01-4	Carcinogen