

# SAFETY DATA SHEET

**LQ ABS 001.000% GREEN BC 61001 LC**

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Substance key: 000000701695

Revision Date: 08/25/2017

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## SECTION 1. IDENTIFICATION

**Identification of the company:**

MB, West Chicago  
4000 Monroe Road  
Charlotte, NC, 28205  
Telephone No.: +1 704-331-7000

**Information of the substance/preparation:**

BU Masterbatches  
Product Stewardship +1-704-331-7710

**Emergency tel. number:** +1 800-424-9300(CHEMTREC)

**Trade name:** LQ ABS 001.000% GREEN BC 61001 LC

**Material number:** FZ63688279

**Chemical family:** Colourant preparation

**Primary product use:** Additive for plastic material processing

## SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with 29 CFR 1910.1200**

Specific target organ toxicity : Category 2 (Lungs)  
- repeated exposure

**GHS label elements**

Hazard pictograms :



Signal word : Warning

Hazard statements : H373 May cause damage to organs ( ) through prolonged or repeated exposure.

Precautionary statements : **Response:**  
P314 Get medical advice/ attention if you feel unwell.

**Other hazards**

Hazards Not Otherwise Classified:  
No particular hazards known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Colourant preparation

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**Hazardous components**

Chemical name	CAS-No.	Concentration (% w/w)
Silica, amorphous, fumed, crystalline free	112945-52-5	1 - 2.5
Zinc distearate	557-05-1	2.5 - 3
Calcium carbonate	471-34-1	3 - 5
C.I. Pigment Yellow 53	8007-18-9	10 - 20
Chromium oxide	1308-38-9	40 - 60

Any concentration shown as a range is due to batch variation.

**SECTION 4. FIRST AID MEASURES**

- General advice : Ensure that the First Aid Personnel are aware of the product involved, and take precautions to protect themselves (e.g. wear personal protection equipment).  
Get medical advice/ attention if you feel unwell.
- If inhaled : Move the victim to fresh air.  
Give oxygen or artificial respiration if needed.  
Get immediate medical advice/ attention.  
Never give anything by mouth to an unconscious person.
- In case of skin contact : Remove contaminated clothing and shoes.  
Wash off immediately with plenty of water for at least 15 minutes.  
Wash off with soap and water.  
Get medical attention if irritation develops and persists.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Get medical attention immediately if irritation develops and persists.
- If swallowed : Rinse mouth.  
Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person.  
Get medical advice/ attention.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).  
No additional symptoms are known.
- Notes to physician : Aspiration hazard if swallowed - can enter lungs and cause damage.

**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)

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Dry chemical

- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:  
Carbon monoxide  
Carbon dioxide (CO<sub>2</sub>)  
Metal oxides  
Carbon oxides  
Silicon oxides  
Formaldehyde
- Further information : Combustible material  
In the event of fire and/or explosion do not breathe fumes.  
During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion  
Do not allow run-off from fire fighting to enter drains or water courses.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.  
Avoid contact with skin, eyes and clothing.  
Wash thoroughly after handling.
- Environmental precautions : Do not allow contact with soil, surface or ground water.  
Prevent product from entering drains.
- Methods and materials for containment and cleaning up : Prevent product from entering drains.  
Non-sparking tools should be used.  
Take measures to prevent the build up of electrostatic charge.  
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Clean contaminated surface thoroughly.

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Take measures to prevent the build up of electrostatic charge.
- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.  
Use only with adequate ventilation/personal protection.

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For personal protection see section 8.  
 Avoid contact with skin, eyes and clothing.  
 Use only with adequate ventilation.  
 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.  
 Keep away from heat, sparks and open flames. Store in proper container and keep container closed when not in use.

Conditions for safe storage : Keep container tightly closed in a cool, well-ventilated place.  
 Protect from moisture.  
 Keep away from direct sunlight.

Technical measures/Precautions : Store in a cool, dry, well-ventilated area. Keep container sealed when not in use.  
 Store away from flammable or combustible materials.  
 Keep in an area equipped with sprinklers.  
 Keep from freezing.

Materials to avoid : not required

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
C.I. Pigment Yellow 53	8007-18-9	TWA	0.5 mg/m3 (antimony)	OSHA Z-1
		TWA	0.5 mg/m3 (antimony)	ACGIH
		TWA	0.5 mg/m3 (antimony)	OSHA P0
		TWA	0.5 mg/m3 (antimony)	NIOSH REL
		TWA	0.015 mg/m3 (Nickel)	NIOSH REL
Zinc distearate	557-05-1	TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	10 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		TWA	10 mg/m3	ACGIH

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Silica, amorphous, fumed, crystalline free	112945-52-5	TWA (Dust)	20 Million particles per cubic foot (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3

**Engineering measures** : Use engineering controls such as local or general exhaust to maintain airborne concentrations below exposure limits.

## Personal protective equipment

Respiratory protection : Respiratory protection is not required under normal use. Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust, mist, or spray mist may be generated.

Hand protection  
Remarks : Nitrile rubber gloves.

Eye protection : Safety glasses with side-shields

Skin and body protection : Wear protective clothing, including long sleeves and gloves, to prevent skin contact.

Hygiene measures : The usual Industrial Hygiene precautions must be taken during work, in particular: do not drink, eat or smoke during the handling of the product and clean hands and face during work intervals and after work.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Colour : green

Odour : characteristic

Odour Threshold : Not applicable

pH : not tested.

Melting point : Not applicable

Boiling point : not determined

Flash point : not tested.

Evaporation rate : not tested.

Flammability (solid, gas) : Not applicable

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Self-ignition	: not tested.
Upper explosion limit	: not tested.
Lower explosion limit	: not tested.
Vapour pressure	: not tested.
Relative vapour density	: Not applicable
Relative density	: not available
Density	: not tested.
Solubility(ies) Water solubility	: not determined
Partition coefficient: n-octanol/water	: This property is not applicable for mixtures.
Decomposition temperature	: To the best of our current knowledge, no thermal decomposition of the product is expected if it is processed according to good manufacturing practices. See section 10.4. "Conditions to avoid"
Viscosity Viscosity, dynamic	: not tested.
Viscosity, kinematic	: not tested.
Explosive properties	: no data available no data available
Oxidizing properties	: not available
Surface tension	: not tested.
Particle size	: Product specific

## SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: Keep away from heat, sparks, open flames, and other sources of ignition.

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Incompatible materials : Peroxides  
Strong acids and oxidizing agents  
Strong acids and strong bases  
Strong oxidizing agents

Hazardous decomposition products : No decomposition if used as directed.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Inhalation  
Eye contact  
Skin contact

### Skin corrosion/irritation

#### Product:

Result: No skin irritation

### Serious eye damage/eye irritation

#### Product:

Result: No eye irritation

### Respiratory or skin sensitisation

#### Product:

Result: non-sensitizing

### Carcinogenicity

IARC Listed

OSHA Listed

NTP Listed

### Experience with human exposure

#### Product:

General Information : The possible symptoms known are those derived from the labelling (see section 2).

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### Product:

Toxicity to fish :  
Remarks: no data available

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## **Persistence and degradability**

no data available

## **Bioaccumulative potential**

### **Product:**

Bioaccumulation : Remarks: not tested.

## **Mobility in soil**

### **Product:**

Distribution among environmental compartments : Remarks: not tested.

## **Other adverse effects**

### **Product:**

Results of PBT and vPvB assessment : Remarks: No information is available as no chemical safety report (CSR) is required.

Additional ecological information : Do not allow to enter ground water, waterways or waste water.

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal methods**

Waste from residues : Dispose of this product in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Regulations concerning reuse or disposal of used packaging materials must be observed.

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## **SECTION 14. TRANSPORT INFORMATION**

DOT not restricted

IATA not restricted

IMDG not restricted

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## **SECTION 15. REGULATORY INFORMATION**

### **EPCRA - Emergency Planning and Community Right-to-Know Act**

#### **CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 311/312 Hazards** : Chronic Health Hazard

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:



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Nickel compounds	Not Assigned	11.2 %
Antimony compounds	7440-36-0	11.2 %
Chromium (III) oxide	1308-38-9	49.8 %
Zinc distearate	557-05-1	2.5 %

**Clean Water Act**

This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307, antimony, Nickel, chromium, Zinc

**The components of this product are reported in the following inventories:**

TSCA : On TSCA Inventory

**TSCA list**

TSCA - 5(a) Significant New Use Rule List of Chemicals: No substances are subject to a Significant New Use Rule.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D): No substances are subject to TSCA 12(b) export notification requirements.

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**SECTION 16. OTHER INFORMATION****Full text of other abbreviations**

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS

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- Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

**Further information**

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