

# MATERIAL SAFETY DATA SHEET

The SDS is prepared according to the MOEL Public notice  
No 2020-130

Revision date 2024-Aug-13

Revision number 1.05

**MSDS Number:** AA12341-0030531413

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### A Product identifier

Product name	BISOMER <sup>®</sup> IMT BLUE
Product code	5001929
Synonyms	C.I. 612037

### B Relevant identified uses of the substance or mixture and uses advised against

Recommended use [RU]	dyes
Uses advised against	None known

### C Details of the supplier of the safety data sheet

Importer	CO CHEM Ltd 1207, 415, Heungan-daero, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea 14059
Supplier	GEO Specialty Chemicals UK Ltd Charleston Road, Hardley, Hythe Southampton, Hampshire SO45 3ZG United Kingdom Phone: +44 (0)23 80894666 Fax No: +44 (0)23 80243113

Responsibility Statement	For further information, please contact <a href="mailto:safety-data-sheet-fp@geosc.com">safety-data-sheet-fp@geosc.com</a>
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### D Emergency telephone number

Emergency telephone	24 Hour Emergency Phone Number GEO Specialty Chemicals UK Ltd +44 (0)23 80891806
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	CO CHEM Ltd +82-10-9265-7633
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## 2. HAZARDS IDENTIFICATION

### A Classification of the substance or mixture

Respiratory sensitization	Category 1
Skin sensitization	Category 1

**B Label elements**

Signal word	Danger
Hazard statements	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled H317 - May cause an allergic skin reaction
<u>Precautionary Statements - EU (§28, 1272/2008)</u>	
Prevention	Avoid breathing dust/fume/gas/mist/vapors/spray Do not get in eyes, on skin, or on clothing Wear protective gloves
Response	In case of inadequate ventilation wear respiratory protection IF ON SKIN: Wash with plenty of soap and water IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing

**C Other hazards which do not result in classification**

Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

Chemical name	Common name	CAS No	Korea INV No	Weight-%
C.I. Reactive Blue 69	C.I. Reactive Blue 69	70209-99-3	Non-Listed Substance	>= 99 - <= 100

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.

Occupational exposure limits, if available, are listed in Section 8.

### 4. FIRST AID MEASURES

**A Description of first aid measures**

General advice	In case of adverse health effects seek medical advice.
Eye contact	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
Skin contact	Rinse with running water and soap. Remove contaminated clothing and shoes.
Ingestion	Rinse mouth with water, then drink one or two glasses of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Inhalation	Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give

oxygen. Call a physician.

### B Most important symptoms and effects, both acute and delayed

Most important symptoms and effects	May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction.
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### C Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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## 5. FIRE-FIGHTING MEASURES

### A Extinguishing media

Suitable extinguishing media	Water spray jet, Alcohol-resistant foam, Extinguishing powder, Carbon dioxide.
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Extinguishing media which must not be used for safety reasons	High pressure waterjet.
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### B Special hazards arising from the substance or mixture

Special Hazard	Formation of toxic gases is possible during heating or in fires.
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Hazardous combustion products	Carbon oxides. Nitrogen oxides (NOx). Sulphur oxides. Hydrogen chloride. Phosgene.
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### C Advice for firefighters

Special protective equipment for firefighters	Full protective clothing and approved self-contained breathing apparatus required for firefighting personnel.
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Firefighting measures	Cool exposed containers with water spray after extinguishing fire.
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## 6. ACCIDENTAL RELEASE MEASURES

### A Personal precautions, protective equipment and emergency procedures

Personal precautions	Avoid creating dust. Wear suitable protective clothing and gloves.
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### B Environmental precautions

Environmental precautions	Do not empty into drains/surface water/ground water. Inform authorities in the event of product spillage to water courses or sewage systems.
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### C Methods and material for containment and cleaning up

Methods for cleaning up	Remove mechanically.
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### D Reference to other sections

See Section 12 for additional Ecological Information

## 7. HANDLING AND STORAGE

### A Precautions for safe handling

Advice on safe handling	Use only in well-ventilated areas Avoid creating dust Ensure that eyewash stations and safety showers are close to the workstation location
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Vapor pressure	
Vapor density	No data available
Specific gravity	
Solubility(ies)	
Solubility (water)	Soluble
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	
Viscosity	
Kinematic viscosity	
Dynamic viscosity	No data available
Molecular weight	No data available

## 10. STABILITY AND REACTIVITY

### A Reactivity

Reactivity No data available.

### B Chemical stability

Chemical stability Stable under normal conditions.

### C Possibility of hazardous reactions

Hazardous polymerization Not anticipated under normal or recommended handling and storage conditions.

### D Conditions to avoid

Conditions to avoid No data available.

### E Incompatible materials

Materials to avoid Reaction with oxidants.

### F Hazardous decomposition products

Hazardous decomposition products No data available.

## 11. TOXICOLOGICAL INFORMATION

### A Information on likely routes of exposure

#### Acute health hazard

Eye contact This product is not considered to be an eye irritant.

Skin contact May cause an allergic skin reaction.

Ingestion May be harmful if swallowed.

Inhalation May cause sensitization by inhalation.

**B** Health hazardsAcute toxicity - Product Information

Oral LD50	> 2,000 mg/kg (analogy)
Dermal LD50	No data available
Inhalation LC50	No data available
Skin corrosion/irritation	not irritating (analogy)
Serious eye damage/eye irritation	not irritating (analogy)
Sensitization	May cause sensitization by inhalation. (analogy) Dermal sensitization: sensitizing
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity - Single exposure	No data available
Specific target organ toxicity - Repeated exposure	No data available
Aspiration hazard	No data available

**12. ECOLOGICAL INFORMATION****A** ToxicityAcute aquatic toxicity - Product Information

Fish	No data available
Crustacea	No data available
Algae/aquatic plants	No data available

**B** Persistence and degradability

Persistence and degradability	No data available
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**C** Bioaccumulative potential

Bioaccumulative potential	No data available
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**D** Mobility in soil

Mobility	No data available
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**E** Results of PBT and vPvB assessment

Results of PBT and vPvB assessment No data available

## F Other adverse effects

Other information No other ecological studies have been carried out on this product.

## 13. DISPOSAL CONSIDERATIONS

### A Waste treatment methods

Disposal of wastes Waste incineration with the approval of the responsible local authority.

Contaminated packaging Packaging that cannot be cleaned are to be disposed of in the same manner as the product. Disposal must be made according to official regulations.

## 14. TRANSPORT INFORMATION

US DOT Not applicable

- 14.1 DOT UN/NA Number
- 14.2. UN proper shipping name
- 14.3 Hazard class
- 14.4 Packing group
- 14.5 Marine pollutant

Land transport (ADR/RID) Not applicable

- 14.1 UN number
- 14.2. UN proper shipping name
- 14.3 Hazard class
- 14.4 Packing group
- 14.5 Environmental hazard

Air transport (ICAO-TI / IATA-DGR) Not applicable

- 14.1 UN number
- 14.2. UN proper shipping name
- 14.3 Hazard class
- 14.4 Packing group
- 14.5 Environmental hazard

Sea transport (IMDG) Not applicable

- 14.1 UN number
- 14.2. UN proper shipping name
- 14.3 Hazard class
- 14.4 Packing group
- 14.5 Environmental hazard

14.6 Special precautions for user

Not applicable

## 15. REGULATORY INFORMATION

### A Industrial Safety and Health Act

Article 37 - Harmful Substances Prohibited for Manufacturing, Importing, Transferring, or Supplying  
None of the components are listed.

Article 38 - Harmful substances requiring permission  
None of the components are listed.

[Hazardous substances subject to control](#)

Not applicable

[Harmful agents subject to workers requiring health examination](#)

Not applicable

[Harmful agents subject to work environment monitoring](#)

Not applicable

[Occupational exposure limits](#)

See section 8 for more information

**[B Chemicals Control Act](#)**

Not applicable

**[C Safety Control of Dangerous Substances Act](#)**

Not applicable

**[D Waste Control Act](#)**

Dispose of contents/container in accordance with all local, regional, national, and international regulations.

**[E Other information](#)**[FDA \(Food & Drug Administration\)](#)

Chemical name	CFR Number
C.I. Reactive Blue 69 70209-99-3	73.3129

[International Inventories](#)[Australia \(AICS\)](#)

All ingredients are on the inventory or exempt from listing

[Canada \(DSL\)](#)

All ingredients are on the inventory or exempt from listing

[Canada \(NDSL\)](#)

None of the ingredients are on the inventory.

[China \(IECSC\)](#)

All ingredients are on the inventory or exempt from listing

[European Union \(EINECS\)](#)

All ingredients are on the inventory or exempt from listing

[European Union \(ELINCS\)](#)

None of the ingredients are on the inventory.

[Japan \(ENCS\)](#)

All ingredients are on the inventory or exempt from listing

[EC-Label](#)

All ingredients are on the inventory or exempt from listing

[Philippines \(PICCS\)](#)

All ingredients are on the inventory or exempt from listing

[United States \(TSCA\)](#)

All ingredients are on the inventory or exempt from listing

[Legend](#)

**AIIC** - Australian Inventory of Industrial Chemicals

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**IECSC** - China Inventory of Existing Chemical Substances

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

## 16. OTHER INFORMATION

Product code	5001929
Revision date	2024-Aug-13
MSDS Number:	AA12341-0030531413

[Key or legend to abbreviations and acronyms used in the safety data sheet](#)

NAV - Not available

[Additional information](#)

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