

SAFETY DATA SHEET

Revision date 2022-Sep-07

Revision number 1.08

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

1.1 Product identifier

Product name BISOMER[®] FCC P12
Product code 745677
Synonyms Secondary fatty alcohol, ethoxylated and propoxylated
REACH Registration Exempt

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use [RU] Defoamer
Uses advised against None known

1.3 Details of the supplier of the safety data sheet

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 safety-data-sheet-fp@geosc.com

1.4 Emergency telephone number

Emergency telephone 24 Hour Emergency Phone Number
GEO Specialty Chemicals UK Ltd
+44 (0)23 80891806

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Chronic aquatic toxicity	Category 3
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2.2 Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Signal word None

Hazard statements

H412 - Harmful to aquatic life with long lasting effects

Precautionary statements

P273 - Avoid release to the environment

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

2.3 Other Information

None known

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Component	EU EINECS	weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	(REACH) Regulation (EC 1907/2006)
Alcohols, C11-15-secondary, ethoxylated propoxylated 68551-14-4	Not applicable	> 98.5%	Aquatic Chronic 3 (H412)	In compliance

For the full text of the H-Statements mentioned in this Section, see Section 16.

3.2 Mixtures

Not applicable

4. FIRST AID MEASURES**4.1 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. If irritation should develop, get medical attention.

Ingestion

Rinse mouth with water, then drink one or two glasses of water.

Inhalation

Remove to fresh air.

4.2 Most important symptoms and effects, both acute and delayed**Most important symptoms and effects**

None known.

4.3 Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing media

Water spray jet, Alcohol-resistant foam, Extinguishing powder, Carbon dioxide.

Extinguishing media which must not be used for safety reasons

High pressure waterjet.

5.2 Special hazards arising from the substance or mixture**Special Hazard**

Formation of toxic gases is possible during heating or in fires.

Hazardous combustion products

Carbon oxides. Aldehydes. Toxic vapors. Irritating vapors.

5.3 Advice for firefighters**Special protective equipment for firefighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

Firefighting measures

In case of fire, keep containers cool with water spray.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures****Personal precautions**

Wear suitable protective clothing and gloves.

6.2 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.

6.3 Methods and material for containment and cleaning up**Methods for cleaning up**

Remove with liquid-absorbing material (sand, peat, sawdust).

6.4 Reference to other sections

See Section 12 for additional Ecological Information

7. HANDLING AND STORAGE**7.1 Precautions for safe handling****Advice on safe handling**

Ensure that workrooms are adequately ventilated.

Avoid spraying/aerosol generation.

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapors

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep only in the original container in a cool, well-ventilated place

Keep away from heat

Protect from direct sunlight

When storing in tanks above 60 °C, cover with a layer of nitrogen-protective gas.

Do not store together with reductants.
Do not store together with oxidants.

7.3 Specific end use(s)

Specific use(s)
Not applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit value

Component	European Union	United Kingdom	Spain	Germany
Alcohols, C11-15-secondary, ethoxylated propoxylated 68551-14-4	NAV	NAV	NAV	NAV

Biological limit values

Component	European Union	United Kingdom	Spain	Germany
Alcohols, C11-15-secondary, ethoxylated propoxylated 68551-14-4	NAV	NAV	NAV	NAV

Legend

NAV - Not available

8.2 Exposure controls

Personal Protective Equipment

Eye/face Protection

Tight sealing safety goggles.

Hand Protection

PVC or Nitrile

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

When processing in open systems with aerosol formation wear suitable respiratory protection to avoid inhalation of aerosol particles.

Other personal protection data

Eyewash fountains and safety showers must be easily accessible.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	liquid
Color	colorless
Appearance	clear

Odor almost odorless
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	No information available	No information available
Melting / freezing point	No information available	No information available
Boiling point / boiling range	No information available	No information available
Flash point	> 240.0 °C / > 464.0 °F	ASTM D 92-97
Evaporation rate	No information available	No information available
Flammability (solid, gas)	No information available	No information available
Flammability Limit in Air Upper flammability limit Lower flammability limit	No information available No information available	No information available No information available
Vapor pressure	No information available	No information available
Vapor density	No information available	No information available
Specific gravity	No information available	No information available
Solubility (water)	partially soluble	No information available
Solubility in other solvents	No information available	No information available
Partition coefficient: n-octanol/water	No information available	No information available
Autoignition temperature	No information available	No information available
Decomposition temperature	No information available	No information available
Kinematic viscosity	173.00 mm ² /s @ 40 °C	ASTM D 445-97
Dynamic viscosity	No information available	No information available
Density	1.0110 g/cm ³ @ 20 °C	ASTM D 1298-99

9.2 Other information

Bulk Density	No information available
Explosive properties	Not an explosive.
Oxidizing properties	The substance or mixture is not classified as oxidizing.
Softening point	No information available
Molecular weight	No information available
Volatile Organic Compound (VOC) content, wt.%	Not a VOC
Percent Volatile, wt.%	Not a VOC

10. STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity
 No information available.

10.2 Chemical stability

Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions**Hazardous polymerization**

Hazardous polymerization does not occur.

10.4 Conditions to avoid**Conditions to avoid**

None.

10.5 Incompatible materials**Materials to avoid**

Reaction with strong acids. Reaction with oxidants.

10.6 Hazardous decomposition products**Hazardous decomposition products**

Can decompose slowly with localized heating above 150°C.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects**Acute health hazard****Eye contact**

May cause slight irritation.

Skin contact

This product is not considered to be a skin irritant.

Ingestion

Low toxicity by this route.

Inhalation

None known.

Acute toxicity**Oral LD50**

> 5,000 mg/kg
Method: Directive 84/449/EEC, B.1

Dermal LD50

No information available

Inhalation LC50

No information available

Skin corrosion/irritation

Not irritating

Method: 84/449/EEC B4 "acute toxicity (skin compatibility)"

Serious eye damage/eye irritation

Slightly irritating, does not require labelling

Method: Draize test

Sensitization

Dermal sensitization: non-sensitizing

Method: Directive 84/449/EEC, B.6

Germ cell mutagenicity

No information available

Mutagenicity**In vitro mutagenicity:** not mutagenic

Method: OECD Test No. 471: Bacterial Reverse Mutation Test

Carcinogenicity

No information available

Reproductive toxicity

No information available

Specific target organ toxicity - Single exposure

No information available

Specific target organ toxicity - Repeated exposure

No information available

Aspiration hazard

No information available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Acute aquatic toxicity

Fish

LC50 > 10 - <= 100 mg/L

Method: OECD Test No. 203: Fish, Acute Toxicity Test

Crustacea

No information available

Bacteria toxicity

EC0 > 100 mg/L

Method: DIN 38412, Part 27 (ROBRA Test, conforms with OECD 209)

Algae/aquatic plants

No information available

12.2 Persistence and degradability

Persistence and degradability

No information available

Ultimate biodegradation

Not readily biodegradable.

12.3 Bioaccumulative potential

Bioaccumulative potential

No information available

12.4 Mobility in soil

Mobility

No information available.

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment

No information available

12.6 Other adverse effects

Other information

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

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal of wastes

Dispose of according to regulations.

Contaminated packaging

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

US DOT Not regulated

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

Land transport (ADR/RID) Not regulated

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

Sea transport (IMDG) Not regulated

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National Regulations

Germany - Water Classification (VwVwS)

WGK 1 (Anhang 3, I.D. No 7672)

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

South Korea (KECL)

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**AICS** - Australian Inventory of Chemical Substances**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**15.2 Chemical Safety Report**

A Chemical Safety Assessment is not required for this substance.

16. OTHER INFORMATION**Product code** 745677**Revision date** 2022-Sep-07**Full text of H-Statements referred to under sections 2 and 3**

H412 - Harmful to aquatic life with long lasting effects

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

NAV - Not available

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006.

Additional information

BISOMER® is a registered trademark of GEO Specialty Chemicals UK Ltd.

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.