

SAFETY DATA SHEET

Date: January 29, 2021

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	Catalog Number	Unit Size
EverBrite™ Mounting Medium	23001	10 mL
EverBrite™ Mounting Medium with DAPI	23002	10 mL
EverBrite™ Hardset Mounting Medium	23003	10 mL
EverBrite™ Hardset Mounting Medium with DAPI	23004	10 mL
Drop-n-Stain EverBrite™ Mounting Medium	23008-T	2 mL
Drop-n-Stain EverBrite™ Mounting Medium	23008	10 mL
Drop-n-Stain EverBrite™ Mounting Medium with DAPI	23009-T	2 mL
Drop-n-Stain EverBrite™ Mounting Medium with DAPI	23009	10 mL
EverBrite™ Mounting Medium with NucSpot®640	23015	10 mL
EverBrite™ Mounting Medium with NucSpot®640	23015-T	2 mL
EverBrite™ Hardset Mounting Medium with NucSpot®640	23016	10 mL
EverBrite™ Hardset Mounting Medium with NucSpot®640	23016-T	2 mL
EverBrite™ Mounting Medium with NucSpot®680	23020	10 mL
EverBrite™ Mounting Medium with NucSpot®680	23020-T	2 mL
EverBrite™ Hardset Mounting Medium with NucSpot®680	23021	10 mL
EverBrite™ Hardset Mounting Medium with NucSpot®680	23021-T	2 mL

Manufacturer/Supplier: Biotium, Inc.
 46117 Landing Parkway, Fremont, CA 94538, USA
 Phone: 1-510-265-1027, Fax: 1-510-265-1352
 Web: <http://www.biotium.com>

Use as laboratory reagent. For research use only. Not for food, drug, household, or cosmetic use.

2. HAZARDS IDENTIFICATION

GHS Classification

Signal word None
Health hazards None
Physical hazards None
Hazard statements None
Precautionary statements None
WHMIS classification None
GHS hazard pictogram None

HMIS Classification

Health hazard: 1
 Flammability: 1
 Physical hazards: 0
NFPA Rating (Glycerol)
 Health hazard: 1
 Fire: 1
 Reactivity Hazard: 0

Classification according to Regulation (EC) No 1272/2008[CLP] None
Classification according to Directive 1999/45/EC None

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

Hazard pictogram None
Signal word Hazard
Hazard statements None
Precautionary statements None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	EC No.	Index No.	Weight %	Classification according to 67/548/EEC	Classification according to regulation (EC)No1278/2008
Glycerol	56-81-5	200-289-5	N/A	≤50%	N/A	-

4. FIRST- AID MEASURES

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide, dry chemical extinguishers, foam extinguishers or water.

Special protective equipment for firefighters

Wear self contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid breathing vapors, mist or gas. Remove all sources of ignition.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Contain spillage. Soak up spilled substance with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid inhalation of vapor or mist.
Avoid direct contact with substance.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.
Store 23001-23004, 23015-23021 at 4°C
Store 23008-23009 at -20°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Substance: Glycerol
CAS no. 56-81-5

Country	Austria	Belgium	Denmark	European Union	France	Germany
Limit value, 8hours	--	10 mg/m ³	--	--	10 mg/m ³	50 mg/m ³ inhalable aerosol
Limit value, short term	--		--	--	--	100 mg/m ³ inhalable aerosol

Country	Hungary	Italy	Poland	Spain	Sweden	Netherlands	Switzerland
Limit value, 8hours	--	--	10 mg/m ³	10 mg/m ³	--	--	50 mg/m ³ inhalable aerosol
Limit value, short term	--	--	--	--	--	--	100 mg/m ³ inhalable aerosol

Country	United Kingdom	USA-NIOSH	USA-OSHA	Australia	Canada	Japan	South Korea
Limit value, 8hours	10 mg/m ³	--	15 mg/m ³ inhalable dust 5 mg/m ³ respirable dust	10 mg/m ³ (1)	10 mg/m ³	--	10 mg/m ³
Limit value, short term	--	--	--	--	--	--	--

Australia (1) This value is for inhalable dust containing no asbestos and < 1% crystalline silica.

Germany STV 15 minutes average value

Personal protective equipment

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	EverBrite™ Mounting Medium
Appearance	Liquid
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Boiling point	No data available
Flash point	No data available
Evaporate rate	No data available
Flammability	No data available
Explosive limits	No data available

Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Solubility	No data available
Partition coefficient:n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Conditions to avoid

Heat, flames and sparks.

Materials to avoid

No data available

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides
 Other decomposition products - No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity (Glycerol)

Oral LD50	12,600 mg/kg rat
Inhalation LC50	1 hr >570 mg/m ³
Dermal LD50	21,900 mg/kg rabbit
Other information on acute toxicity	No data available

Skin corrosion/irritation No data available

Serious eye damage/eye irritation No data available

Respiratory or skin sensitization No data available

Germ cell mutagenicity No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

TDL (rat) - Route: Oral; Dose: 100 mg/kg 1 day prior to mating. TDL (human) - Route: Oral; Dose: 1428 mg/kg

Specific target organ toxicity - single exposure (Globally Harmonized System)

No data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

STOT RE category 2 (lungs), STOT RE category 1 (gastrointestinal, oral)

Aspiration hazard

No data available

Potential health effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

Additional Information
RTECS: MA8050000

12. ECOLOGICAL INFORMATION

Toxicity Ecotoxicity in water (LC50): 58.5 ppm 96 hours (Trout)
Persistence and degradability No information available
Bioaccumulative potential No information available
Mobility in soil No information available
Results of PBT and vPvB assessment No information available
Other adverse effects No information available
Additional information No information available

13. DISPOSAL CONSIDERATIONS

Do not dispose product directly into sewage. Consult local state or national regulation for proper disposal.

14. TRANSPORT INFORMATION

IATA, IMDG, DOT (US), TDG Not dangerous goods during transportation
UN number None
UN proper shipping name None
Transport hazard class None
Packing group None
Environmental hazards None
Transport in bulk according to Annex II of MARPOL 73/78 and IBC Code None
Special precaution for user None

15. REGULATION INFORMATION**US Federal Regulations**

US Toxic Substances Control Act (TSCA): Glycerol

SARA 302: Glycerol

SARA 313: Glycerol

SARA 311/312 Hazards : Glycerol: Health hazard (immediate, acute); health hazard (chronic)

WHMIS Hazard Class None

16. OTHER INFORMATION

Classification according to Regulation (EC) Nr. 1272/2008
Refer to section 2 and section 3

Prepared by: Regulatory Department
Biotium Inc.

Version no. 6

Revision date (Initials) January 29, 2021 (ET)

Reason for revision Addition of new products 23015, 23015-T, 23016, 23016-T, 23020, 23020-T, 23021, 23021-T. Revised Biodegradation section to Bioaccumulative Potential in section 12.

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