

BERRY & ASSOCIATES

Safety Data Sheet Psoralen-TEG azide

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	Psoralen-TEG azide
Product number	PS 5030
Brand	Berry&Associates
Substance name	4,5',8-Trimethylpsoralen-4'-methylamino-TEG azide
CAS no.	1352815-11-2

Other means of identification

Psoralen-TEG azide

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

Laboratory chemicals; Manufacture of substance

1.3 Details of the supplier of the safety data sheet

Name	Berry & Associates/ICON Isotopes
Address	2434 Bishop Circle East Dexter, MI 48130 USA
Telephone	734-426-3787
Fax	734-426-9077
email	alchem@berryassoc.com

1.4 Emergency telephone number

USA /Canada 800-424-9300
All else 703-527-3887

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

- Skin corrosion/irritation (chapter 3.2), Cat. 1B, H314
- Eye damage/irritation (chapter 3.3), Cat. 1, H318
- Carcinogenicity (chapter 3.6), Cat. 2, H351
- Acute toxicity, oral (chapter 3.1), Cat. 4, H302

For the full text corresponding to the "H"-codes displayed in this section, refer to Section 16.

2.2 Label elements

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

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Hazard pictograms



Signal word

Warning

Hazard statement(s)

H314
H318
H351
H302

Causes severe skin burns and eye damage
Causes serious eye damage
Suspected of causing cancer
Harmful if swallowed

Precautionary statement(s)

P260
P264
P280
P301+P330+P331
P303+P361+P353

Do not breathe dust/fume/gas/mist/vapours/spray.
Wash hands thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
Specific treatment (see Section 4).
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
Store locked up.
Dispose of contents/container as described in Section 13.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
IF exposed or concerned: Get medical advice/attention.
Do not eat, drink or smoke when using this product.
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell, Rinse mouth.

P363
P304+P340
P310
P321
P305+P351+P338

P405
P501
P201
P202
P308+P313
P270
P301+P312
P330

2.3 Other hazards

Potential photosensitizer

SECTION 3: Composition/information on ingredients

3.1 Substances

Substance name	4,5',8-Trimethylpsoralen-4'-methylamino-TEG azide
CAS no.	1352815-11-2
Formula	C ₂₃ H ₃₀ N ₄ O ₆
Molecular weight	458.22
Other names / synonyms	Psoralen-TEG azide 4,5',8-Trimethylpsoralen-4'-methylamino-TEG azide

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area
Following inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Following skin contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician
Following eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
Following ingestion	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Solid water stream may be inefficient.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for firefighters

Wear self-contained breathing apparatus if necessary and full protective gear to prevent contact with skin and eyes.

Further information

No data available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.
For personal protection see section 8.

6.2 Environmental precautions

Take measures to avoid release into the environment, do not let product enter drains.

6.3 Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.
Provide appropriate exhaust ventilation at places where dust is formed.
For precautions see section 2.2

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.
Recommended storage temperature -20 °C
Light sensitive. Keep in a dry place.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Appropriate engineering controls

Use industrial hygiene practices to control hazardous materials.

Personal protection equipment

Eye and face protection

Safety glasses

Skin protection

Chemical-resistant gloves

Body protection

Lab coat

Respiratory protection

NIOSH approved respirator, as conditions warrant.

Thermal hazards

No data available.

Environmental exposure controls

Do not let material enter drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	oil
Odour	No data available.
Odour threshold	No data available.
pH	No data available.
Melting point / freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.

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Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapour pressure	No data available.
Vapour density	No data available.
Relative density	No data available.
Solubilit(ies)	methylene chloride.
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.
Oxidising properties	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions: -20 °C

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

No data available.

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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 known carcinogen by OSHA.

Reproductive toxicity

No data available.

Summary of evaluation of the CMR properties

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

SECTION 12: Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal of the product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Disposal of contaminated packaging

Dispose of as unused product.

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SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

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

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

No SARA hazards.

SARA 313 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

Full text of hazard statements referenced in Section 2

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H351	Suspected of causing cancer

Further information/disclaimer

The Information in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication but we cannot accept liability for any loss, injury or damage which may result from its use. The information given in the Safety Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Users should make independent decisions regarding completeness of information based on all sources available. Berry & Associates, Inc. shall not be held liable for any damage resulting from handling or contact with the above product.