V E R I S C E N T S

Safety Data Sheet

BACDANOL | CAS 28219-61-6

1. Identification

Product name	Bacdanol
CAS	28219-61-6
Intended use	Ingredient used in fragrance preparations
Supplier	Veriscents, 30 N Gould Street, Sheridan, WY 82801, USA
Regulatory Contact	877.863.7700
Medical emergencies (24 h)	Poison Control (US): 800.222.1222
Hazardous-materials emergency contact	HazmatLine: +1 (813) 742-5152 | support@hazmatline.com

2. Hazard identification

GHS classification	Serious eye irritation, Category 2A; acute aquatic toxicity, Category 1; chronic aquatic toxicity, Category 1.
Signal word	Warning
Hazard statements	H319: Causes serious eye irritation. H410: Very toxic to aquatic life with long lasting effects.
Precautionary statements	P264 Wash skin thoroughly after handling. P273 Avoid release to environment. P280 Wear protective gloves/eye/face protection. P305+P351+P338 Rinse eyes cautiously with water; remove contact lenses if easy. P337+P313 Seek medical advice if irritation persists. P391 Collect spillage. P501 Dispose of contents/container at approved waste facility.

3. Composition / information on ingredients

Chemical characterization	Alicyclic alcohols
Molecular formula	C14H24O
Molecular weight	208.30 g/mol
CAS	28219-61-6

4. First-aid measures

Inhalation	Remove to fresh air and keep at rest; obtain medical advice.
Skin	Remove contaminated clothing; wash with water and soap. Seek physician if symptoms persist.
Eyes	Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Ingestion	Rinse mouth with water and obtain medical advice.

5. Firefighting measures

Suitable extinguishing media	Carbon dioxide, dry chemical, foam.

6. Accidental release measures

Personal precautions	Avoid inhalation and skin/eye contact; self-contained breathing apparatus recommended for major spill.
Environmental precautions	Prevent entry to drains, surface water, groundwater and soil.
Cleanup	Remove ignition sources, ventilate, contain large spills with sand or inert powder and dispose in accordance with local regulations.

7. Handling and storage

Handling	Avoid concentrated vapor inhalation. Maintain good hygiene; wash exposed skin after contact and before breaks. Clean contaminated clothing before reuse. Limit access to trained personnel where openly handled. Minimize heated-process temperature.
Fire protection	Keep away from ignition sources and naked flames.
Storage	Keep containers tightly closed, upright, in cool, dry, ventilated area away from heat.

8. Exposure controls / personal protection

Engineering controls	Local exhaust ventilation and general dilution ventilation around open handling areas.
Respiratory protection	Normally unnecessary with adequate ventilation. Use approved properly fitted organic-vapor respirator when controls are insufficient or for emergencies.
Hygiene	Monitor occupational exposures as appropriate; follow standard chemical handling hygiene practices.
Exposure limits	Check relevant national limits for the substance.

9. Physical and chemical properties

Appearance	Colorless liquid
Odor	Conforms to standard
Flash point	>94 C
Ignition temperature	>100 C
Vapor pressure	<0.01 hPa (calculated)
Partition coefficient	log Pow 4.540

10. Stability and reactivity

Conditions to avoid	Direct sources of heat.
Incompatible materials	Strong acids, alkali, oxidizing agents.
Hazardous decomposition	Carbon monoxide and unidentified organic compounds may form during combustion.
Reactivity	No significant reactivity hazard alone or with water.

11. Toxicological information

Acute oral toxicity	LD50 rat = 5,000 mg/kg
Acute dermal toxicity	LD50 rabbit >2,000 mg/kg
Skin irritation	No skin irritation in human closed patch test.
Sensitization	Source reports no sensitization in laboratory animals and references human testing at 5%.

12. Ecological information

Aquatic hazards	Classified as acute and chronic aquatic toxicity Category 1; H410. The supplied SDS does not give numerical ecotoxicity test results.

13. Disposal considerations

Product	Do not dispose with normal waste. Use specialized disposal in accordance with local regulations.
Packaging	Take empty containers to approved waste-handling facility for recycling or disposal.

14. Transport information

UN number	UN 3082
Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ETHYL TRIMETHYLCYCLOPENTENE BUTENOL)
Class / packing group	9 / III
IATA	UN 3082, Class 9, PG III
IMDG	UN 3082, Class 9, PG III; Marine pollutant: Yes
Transport emergency contact	HazmatLine: +1 (813) 742-5152 (verify active service coverage before regulated shipment).

15. Regulatory information

Source regulatory labeling	Legacy EC Directive 1999/45/EC: Xi Irritant; N Dangerous for environment; R36 and R50/53. Modern GHS hazards appear in Section 2.
HMIS source rating	Health 2; Flammability 1; Physical hazard 0.

16. Other information

Veriscents document date	26 October 2026
Source SDS revision	17 April 2015, Version 3
Basis	Reformatted from supplied technical safety information. Classification and regulatory status should be checked for current jurisdictional compliance.