

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

BEASOLVE GOLD

*Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.*

Section I

Manufactured by:

Beaver Research Company

Emergency Telephone Number

1-800-255-3924 (Chem-Tel)

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

Telephone Number For Information

269-382-0133

HMIS RATINGS:

0=Insignificant 3=High

1=Slight 4=Extreme

2=Moderate

Health: 2

Flammability: 2

Reactivity: 0

Personal Protection: B

Date Revised

11-07-2011

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity;
Common Name(s))

CAS No.

ACGIH TWA
PPM MG/M³

ACGIH STEL
PPM MG/M³

SARA
TITLE III

RQ
LBS

Ethyl 2-hydroxypropionate

94-67-3

No

Aliphatic ethoxylated alcohols

78330-20-8

No

Ethoxyl propoxyl terpene

174955-61-4

No

Methylsoyate

67784-80-9

No

Polyethylene glycol

25322-68-3

No

d-limonene

5989-27-5

No

(a) A "YES" in the SARA TITLE III column indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

(b) Indicates an employee's skin exposure shall be prevented or reduced to the extent necessary in the circumstances through the use of gloves, coveralls, goggles, or other appropriate equipment.

(c) Indicates the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) has notification requirements for releases or spills to the environment of the Reportable Quantity (RQ) or greater amounts, according to 40 CFR 302.

Section III - Physical/Chemical Characteristics

Boiling Point

N/A

Specific Gravity (H₂O = 1)

N/A

Vapor Pressure (mm Hg)

N/A

Melting Point

N/A

Vapor Density (AIR = 1)

<1

Evaporation Rate
(Butyl Acetate = 1)

<1

Solubility in Water: Complete

% Volatile by volume: 50%

Appearance and Odor

Gold liquid, citrus/solvent fragrance

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

115F (based on Ethyl 2-hydroxypropionate)

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

CO₂, water, water fog, dry chemical, chemical foam.

Special Fire Fighting Procedures

Keep drums cool with water spray to prevent drum rupture due to steam buildup; floor will become slippery if material is released.

Unusual Fire and Explosion Hazards : None

Section V - Reactivity Data

Stability

Unstable

Conditions to
Avoid

None

Stable

X

Incompatibility (Materials to Avoid)

Strong oxidizers, strong acids, strong bases, strong reducing agents

Hazardous Decomposition or Byproducts

Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous

May Occur

Conditions to
Avoid

None.

Polymerization

Will Not Occur

X

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Acute effects are possible irritation and discomfort; no known chronic effects have been established.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

Inhalation: Exposure to vapor or mist is possible. Short term inhalation is not likely to cause harmful effects; breathing large amounts may cause central nervous system depression. **Skin:** Repeated or prolonged skin contact may cause irritation, contact dermatitis, and skin sensitization. **Eyes:** May cause irritation, redness and pain. **Ingestion:** May be harmful if swallowed; may cause headache, dizziness, abdominal cramps, diarrhea and general weakness; irritation to the gastrointestinal tract.

Medical Conditions Generally Aggravated by Exposure

Pre-existing skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

Emergency and First Aid Procedure

Inhalation: Remove victim to fresh air; provide oxygen if breathing is difficult; administer CPR if victim is not breathing; seek medical attention. **Skin:** Remove contaminated clothing; flush with plenty of water for 15 minutes. Launder contaminated clothing before reuse; if irritation persists, seek medical attention. **Eyes:** Flush eyes with water for 15 minutes while holding eyelids open; seek medical attention. **Ingestion:** Give two glasses of water for dilution; do not induce vomiting unless directed by medical personnel; never give anything by mouth to an unconscious person; seek medical attention.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Combustible. Eliminate potential sources of ignition; Wear appropriate personal protective equipment. Keep unnecessary and unprotected personnel from entering area. Ventilate area and confine spill; soak up with non-combustible absorbent, shovel product into approved container.

Waste Disposal Method

Dispose of in accordance with Local, State, and Federal Regulations.

Precautions to be Taken in Handling and Storage

Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures.

Other Precautions

Keep this and other chemicals out of reach of children; minimize body contact with this product as well as all chemicals in general.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

If workplace exposure limits of product or any component are exceeded, NIOSH/OSHA approved air supplied respirator is advised in the absence of proper environmental control.

Ventilation	Local or General Exhaust	Recommended	Special	To prevent buildup of flammable vapors..
	Mechanical(General)	Yes	Other	Engineering and work controls as required.

Protective Gloves

Neoprene or rubber.

Eye Protection

Goggles with side shields; safety eye bath nearby.

Other Protective Clothing or Equipment

Coveralls, apron, or other equipment should be worn to minimize skin contact.

Work/Hygienic Practices

Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.