

BIO SPARKLE

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Date prepared: January 2, 2017

MSDS : Bio Sparkle SDS GHS

1. IDENTIFICATION

Product Identifier**Product Name** Bio Sparkle**Recommended use of the chemical and restrictions on use****Recommended use** Glass cleaner**Restrictions on use** For industrial use only**Supplier details**West Penetone Inc.
10900 Secant
Montreal, QC,
H1J 5S1
Tel: 514-355-4660**Emergency Telephone Number**

Canutec (613)-996-6666

2. HAZARDS IDENTIFICATION

Classification

No classification according to GHS

Label Elements**Hazard Statements**

No GHS hazard statements

Precautionary Statements - Prevention

Wear eye protection.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Consult physician if irritation develops or persists.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Propylene glycol methyl ether	107-98-2	1-5

4. FIRST AID MEASURES

Eye contact	Rinse cautiously with water for several minutes. Consult physician if irritation develops or persists.
Skin contact	Rinse skin with water.
Inhalation	Not applicable
Ingestion	Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

May cause irritation to eyes.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None.

Specific hazards arising from the chemical

None known.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Rinse area with plenty of water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials Strong acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Chemical Name	ACGIH TLV
Propylene glycol methyl ether 107-98-2	TWA: 100 ppm

Appropriate engineering controls

Engineering Controls Not required.

Individual protection measures, such as personal protective equipment

Eye/face Protection Safety glasses.

Skin and body protection Not required.

Respiratory Protection Not required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE :

Clear, pale blue liquid

ODOR

Detergent

ODOR THRESHOLD :

Not applicable

pH :

10

MELTING POINT / FREEZING POINT :

0°C

BOILING POINT/BOILING RANGE :

100°C

VAPOR PRESSURE, mm Hg AT 20°C :

Not applicable

VAPOR DENSITY (Air = 1) :

Not applicable

RELATIVE DENSITY AT 20°C:

1.00

SOLUBILITY IN WATER :

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER :

Not available

AUTO-IGNITION TEMPERATURE :

None

FLASH POINT :

None

EVAPORATION RATE, water = 1 :

1

FLAMMABILITY (SOLID, GAS):

Not applicable

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

< 10 cps @ 22°C

FLAMMABLE LIMITS :**UPPER:** Not applicable **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

Conditions to Avoid

Store away from incompatible materials.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

None

Incompatible Materials

Strong acids

Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Propylene glycol methyl ether 107-98-2	11700 mg/kg (Rat)	13000 mg/kg (Rabbit)	10000 ppm (rat) – 5 hours

Information on likely sources of exposure**Serious eye damage/irritation**

May be irritating to eyes.

Skin corrosion/irritation

May irritate skin after prolonged exposure.

Delayed and immediate effects and also chronic effects from short and long-term exposure**Respiratory or skin sensitization**

Not a sensitizer.

Germ cell mutagenicity

None known.

Carcinogenicity

No listed human carcinogens.

Reproductive toxicity

None known.

STOT - single exposure

None known.

STOT-repeated exposure

None known.

Aspiration Hazard

None.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms include tingling sensation and / or reddening of eyes.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

48 hour EC50 > 200mg/L, Daphnia magna; 72 hour EC50 > 200mg/L, Selenastrum capricornutum

Persistence and degradability

> 60% biodegradability in 28 days (readily biodegradable),
COD 0.06 mg O2/mg

Bioaccumulative potential

No information available

Mobility in soil

No information available

Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION**TDG classification**

Not regulated

15. REGULATORY INFORMATION

All ingredients are listed on the DSL

UL 2759 - Ecologo Standard for the Sustainability for Hard Surface Cleaners

16. OTHER INFORMATION**Preparation Date**

January 2, 2017

Revision Date

not applicable

Revision Note

not applicable

Disclaimer

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End of SDS