

TITLE: GERBER SOLARA UV Cleaning Solution (P78963B)

Category: MSDS/Materials

Gerber FastFact #: 7023

Supplied by: Technical Communications

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Summary: Material Safety Data Sheet for GERBER SOLARA UV Cleaning Solution (P78963B)

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1. Article and Corporate Identification

1.1 Identification of Product: GERBER SOLARA UV Cleaning Solution (P78963B)

- Range: UV PREPRINT HEAD CLEANING SOLUTION
- Product CodeS: QV017

1.2 Company undertaking identification:

Company name: Gerber Scientific Products Inc. 83 Gerber Road, South Windsor, CT 06074 USA
Phone: 860-643-1515 (Fax: 860-648-8064)
Contact person: Sales Support

2. Compostion/Data on Components

2.1 Chemical characterization:

Description: Mixture of substances listed below with nonhazardous additions.

2.2 Dangerous components:

There are no components presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC (as amended).

3. Hazards identification

3.1 Hazard description:

The product is not subject to classification according to EU legislation.

3.2 Information pertaining to particular dangers for man and environment

Not applicable

3.3 Additional information:

Organic solvents should not be used for hand cleaning as this may lead to absorption through the skin, skin irritation or dermatitis.

4. First aid measures

4.1 General information:

Never make an unconscious person vomit or drink fluids.

4.2 Inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm.

4.3 Skin contact:

Immediately wash with soap and water and rinse thoroughly.

4.4 Eye contact:

Rinse open eye for several minutes under running water. Then consult a doctor.

4.5 Ingestion:

Give patient copious amounts of water to drink and provide fresh air. Call for a doctor immediately.

5. Fire fighting measures

5.1 Suitable extinguishing agents:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 For safety reasons unsuitable extinguishing agents:

Water with full jet.

5.3 Special hazards caused by the material, its products of combustion or resulting gases:

In case of fire, the following can be released: Carbon monoxide (CO)

5.4 Protective equipment:

Wear self-contained breathing apparatus.

5.5 Additional information:

Cool endangered containers with water spray. Collect contaminated fire fighting water separately. It must not enter the sewage system.

6. Accidental release measures

6.1 Person-related safety precautions:

Ensure adequate ventilation. Keep away from ignition sources. Refer to the protective measures stated in Sections 7 and 8. Keep unprotected personnel away.

6.2 Measures for environmental protection:

Prevent seepage into sewage system, workpits and cellars. Inform respective authorities if seepage into water course or sewage system occurs. Do not allow to enter sewers/surface or ground water.

6.3 Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to section 13.

7. Handling and storage

7.1 Handling:

Store in cool, dry place in tightly sealed containers. Keep away from heat and direct sunlight. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

7.2 Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

7.3 Storage:

Store in accordance with current national regulations.

7.4 Requirements to be met by storerooms and containers:

Store between 5 - 30°C.

7.5 Information about storage in one common storage facility:

Do not store together with oxidizing and acidic materials. Do not store together with alkalis (caustic solutions).

7.6 Further information about storage conditions:

Keep container tightly sealed.

8. Exposure controls and personal protection

8.1 Components with limit values that require monitoring at the workplace:

The instructions and information provided by the manufacturer of the personal protective equipment on use, storage, maintenance and replacement must always be followed.

8.1 General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes and skin.

8.2 Breathing equipment:

Not necessary if room is well-ventilated.

8.3 Protection of hands:

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The selection of single or multi-use gloves is dependent upon the level of exposure (nitrile/neoprene gloves will last longer than latex/rubber).

The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Always ensure that gloves are free from defects and that they are stored and used correctly.

Type	Latex/Rubber			Nitrile		Neoprene
	Single Use	Multi Use	Heavy Duty Gauntlets	Single Use	Multi Use	Heavy Duty Gauntlets
Preparation	X	Y	X	X	Y	X
Print Shop Solvent Inks	Y	Y	Y	Y	Y	Y
Print Shop UV Inks	X	X	X	Y	Y	Y
Reclaim	X	X	Y	X	X	Y

Y = recommended X = not recommended

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Use of the following recommended:

8.4 Penetration time of glove material:

The exact break through time has to be obtained from the manufacturer of the protective gloves and must be observed.

8.5 Eye protection:

Safety glasses

8.6 Body protection:

Protective work clothing.

8.7 COSHH Essentials for Printers Control Guidance Sheet:

S100 General advice

S101 Selection of personal protective equipment

P100 General ventilation in printing

9. Physical and chemical properties

9.1 General Information:

Form:	Liquid
Color:	Colorless
Odor:	Characteristic
Melting point/Melting range:	undetermined
Boiling point/Boiling range:	243°C
Flash point:	> 70°C
Self igniting:	Product is not self igniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures is possible.
Vapor pressure at 20°C:	0.03 hPa
Density at 20°C:	0.965 g/cm ³
Water:	Not miscible or difficult to mix
Solvent content: Organic solvents:	100.0 %

10. Stability and reactivity

10.1 Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.2 Dangerous products of decomposition:

No dangerous decomposition products known.

11. Toxicological information

11.1 Additional toxicological information:

No further data.

12. Ecological information:

12.1 General notes:

There are no data on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is not classified as dangerous for the environment.

13. Disposal considerations

13.1 Product:

Must not be disposed together with household rubbish. Do not allow product to reach sewage system.

13.2 European waste catalogue:

07 07 04 other organic solvents, washing liquids and mother liquors.

13.3 Recommendation:

Dispose of product according to official regulations.

Also see Section 16 'Other Information'.

14. Transport information

Land transport ADR/RID (cross-border) ADR/RID class: --
Maritime transport IMDG: IMDG Class: -- Marine pollutant: No
Air transport ICAO-TI and IATA-DGR: ICAO/IATA Class: --

15. Regulations

15.1 Markings according to EU guidelines:

This preparation is not classified as dangerous according to EC Directive 1999/45/EC (as amended). Observe general safety regulations when handling chemicals.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

COSHH Essentials for Printers: HSE Books 2000 ISBN 0 7176 1835 8

16.1 Recommended restriction of use:

The product should not be used for any purpose other than that specified in Section 1.