

Material Safety Data Sheet

Version GHS 5.1
Revision date : 1/22/2018

1 . PRODUCT & COMPANY IDENTIFICATION

Product Name : Ponceau S Solution
Product Cat No : P9100
CAS No : None
Manufacturer/Supplier : GenDEPOT LLC
PO Box 454
Barker, Tx 77413
Emergency Phone : 866.417.0078
Fax : 281-579-6876

2 . HAZARD IDENTIFICATION

GHS Classification

Skin Sensitizer 1 Respiratory Sensitizer 1 Skin Irritant 2 Eye Irritant 2

GHS Label elements, including precautionary statements

Pictogram



Signal word Danger

Hazard statement (s)

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
H317 - May cause an allergic skin reaction
H315 - Causes skin irritation
H319—Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary Statements

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P264 - Wash hands thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Potential Health Effects

Inhalation : May be harmful if inhaled, Causes respiratory tract irritation
Skin : May be harmful if absorbed through skin. Cause skin irritation
Eyes : Causes eye irritation
Ingestion : May be harmful if swallowed.

3 . COMPOSITION/INFORMATION ON INGREDIENT

Synonyms: Coomassie Gel Staining Solution

Component	Classification	Concentration
Glacial acetic acid		
	CAS-NO. 64-19-7	2-10%

4 . FIRST AID MEASURES

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: If breathed in, move person into fresh air.
If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Wash off with soap and plenty of water.
Consult a physician.

In case of eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed : Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

5 . FIREFIGHTING MEASURES

Suitable extinguishing media: For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Further information: Use water spray to cool unopened containers.

6 . ACCIDENTAL RELEASE MEASURES

Personal precaution: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Environmental precaution: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for contaminant and cleaning up: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

7 . HANDLING AND STORAGE

Precaution for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Condition for safe storage: Keep container tightly closed in a dry and well-ventilated place.

Recommended storage temperature: 18-35 °C

8 . EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No	ACGIH TLV	OSHE PEL	NOISH IDLH
Glacial acetic acid	64-19-7	15	TWA 10ppm TWA, 25mg/m ³	IDLH 50ppm TWA 10ppm STEL 10pp TWA, 25mg/m ³ STEL , 37mg/m ³

Personal protective equipment: .

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection: Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Complete suit protecting against chemicals.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form	Liquid
Color	clear red haze

Safety data:

pH	no data available
Melting point	no data available
Freezing point	no data available
Boiling point	no data available
Flash point	no data available
Ignition temperature	no data available
Auto-ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapor pressure	no data available
Vapor Density	no data available
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available
Relative vapor density	no data available
Odor	no data available
Odor threshold	no data available
Evaporation rate	no data available

10 . STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

no data available.

Condition to avoid

None known based on information supplied .

Materials to avoid

no data available.

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Other decomposition products - no data available

11 . TOXICOLOGICAL INFORMATON

Acute Toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Glacial acetic acid	3310 mg/kg (Rat)	1060 mg/kg (Rabbit)	11.4 mg/L (Rat) 4 h

Skin corrosion/irritation

Sensitizer. May be irritating to eyes, skin and respiratory system

Serious eye damage/eye irritation

No known effect based on information supplied

Respiratory or skin sensitization

no data available

Mutagenicity (Germ cell mutagenicity)

No known effect based on information supplied

Carcinogenicity

No known effect based on information supplied

Reproductive toxicity

No known effect based on information supplied

Specific target organ toxicity— single exposure (GHS)

May cause respiratory tract irritation, drowsiness or dizziness

Specific target organ toxicity— repeated exposure (GHS)

Causes damage to liver and may cause damage to nervous system through prolonged or repeated exposure

Aspiration hazard

no data available

Potential health effects

Inhalation May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. Causes skin irritation.

Eyes Causes eye irritation

Aggravated Medical Condition

Avoid contact with Ethanol solutions containing toxic materials or materials with unknown toxicological properties.

12 . ECOLOGICAL INFORMATION

Chemical Name	Toxicity to algae	Toxicity to fish	Daphnia Magna (Water Flea)
Glacial acetic acid		LC50= 79 mg/L Pimephales promelas 96 h	

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

PBT and vPvB assessment

no data available

Other adverse effect

no data available

13 . DISPOSAL CONSIDERATIONS

Product

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

14 . TRANSPORT INFORMATION**DOT(US)**

Not regulated

IMDG**IATA**

Not regulated

15 . REGULATORY INFORMATION**United States**

HCS Classification : Corrosive material
Target organ effects

TSCA 8(a) IUR exempt/Partial exemption : not determined
United States Inventory (TSCA 8b) : all components are listed or exempted
SARA 302/304/311/312 extremely hazardous substances :

No products were found

SARA 302/304 emergency planning and notification:

No products were found

SARA 302/304/311/312 hazardous chemicals : No products were found

SARA 311/312 Hazard Identification

No products were found

Clean Air Act Section 112(b)

Hazardous air pollutants (HAPs) : Acetic acid 64-19-7

Clean Air Act Section 602 : not listed
Class I substances

Clean Air Act Section 602 : not listed
Class II substances

DEA List I Chemicals : not listed
(Precursor chemicals)

DEA List II Chemicals : not listed

States Regulation

Massachusetts : The following components are listed
Acetic acid 64-19-7

New York : None of the components are listed

New Jersey : The following components are listed
Acetic acid 64-19-7

Pennsylvania : The following components are listed
Acetic acid 64-19-7

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.

Canada

WHMIS (Canada) : D2A Very toxic materials
D2B Toxic materials

Canadian lists

Canadian NPRI : Acetic acid 64-19-7

CEPA Toxic substances : None of the components are listed

Canada inventory : all components are listed or exempted

International Regulation**16 . OTHER INFORMATION****HIMS Rating:**

Health hazard : 3

Chronic Health Hazard : *

Flammability : 0

Physical hazards : 0

NFPA Rating:

Health Hazard: 3

Fire: 0

Reactivity Hazard: 0

This compound is sold only for research use by personnel familiar chemicals and who are well trained in good laboratory habits, such as avoiding spills, keeping hands clean at all times and no rubbing eyes with working in the laboratory.

This solution is sold only in microliter quantities for use in life sciences research. No other use is intended. And any other use may involve substantive hazards.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish or legally valid contractual relationship. GenDEPOT LLC, shall not be held liable for any damage resulting from handling of or from with above product. The burden of safe use of this material rests entirely with the user.

Since the conditions of handling, storage and disposal of this material are beyond our control, it is the responsibility of the user to determine whether the material is fit for a particular purpose and/or suitable for the user's method of use or application, and to determine safe conditions for use of the material, and to assume full responsibility for loss, injury and expense arising out of or in connection with the use of material. NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE MATERIAL DESCRIBED HEREIN SHALL BE CREATED BY OR INFERRED FROM ANY STATEMENT OR OMISSION FROM THIS MSDS.

Various government agencies and local authorities may have general or specific regulations applicable to the material which may not be covered in this MSDS. It is sole responsibility of the user to examine and confirm for its full compliance with any such regulations.

When the revision of this MSDS is received, please dispose of the old one.

Department issuing MSDS:
GenDEPOT LLC
Safety Department