

Palintest

Water Analysis Technologies

SAFETY DATA SHEET BLANK SOLUTION

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification

Product identifier

Product name BLANK SOLUTION

Product number PT184, PT191, PT296, PT234M2, PT257, LR-9800, PTH8100, PTW7500, SPW702E, SKW400, SKW400NPK, SKW500, PT185, PT186, PT193, PT226, PT228, PT270SPEC, PT229/M2, PT230, PT232, PT234, PT235/M2, PT237, PT241/M2, PT791, PT802, PT804, PT753, LR-9990, PT232/US, PT233/M2, PTBW7500CN, PTBW7510, PTW10015CN, SPW7025AUST, SPW7025US, PTCL045, PTCL046, SPCL006

Recommended use of the chemical and restrictions on use

Application Testing water

Details of the supplier of the safety data sheet

Supplier PALINTEST USA
400 CORPORATE CIRCLE
SUITE J
GOLDEN
COLORADO
80401
USA
Tel: (720) 221-6878
Fax: (720) 496-4766
info@palintestusa.com

Emergency telephone number

Emergency telephone +44 (0)207 858 1228 (24hr)

National emergency telephone number +44 (0)207 858 1228 (24hr)

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Met. Corr. 1 - H290

Health hazards Not Classified

Environmental hazards Not Classified

Label elements

Hazard symbols



Signal word Warning

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Hazard statements	H290 May be corrosive to metals.
Precautionary statements	P234 Keep only in original container. P390 Absorb spillage to prevent material damage. P406 Store in corrosive resistant container with a resistant inner liner.

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

HYDROCHLORIC ACID 37%	<1%
CAS number: 7647-01-0	
Classification	
Met. Corr. 1 - H290	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
STOT SE 3 - H335	

The full text for all hazard statements is displayed in Section 16.

Composition comments When handled correctly, undamaged units represent no danger.

4. First-aid measures

Description of first aid measures

General information	When handled correctly, undamaged units represent no danger.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
Skin Contact	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

Most important symptoms and effects, both acute and delayed

Inhalation	May cause respiratory irritation.
Ingestion	May cause irritation.
Skin contact	Prolonged contact may cause burns.
Eye contact	May cause severe eye irritation.

Indication of immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

Special hazards arising from the substance or mixture

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Hazardous combustion products No known hazardous decomposition products.

Advice for firefighters

Protective actions during firefighting No specific firefighting precautions known.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental precautions

Environmental precautions Not considered to be a significant hazard due to the small quantities used. However, large or frequent spills may have hazardous effects on the environment.

Methods and material for containment and cleaning up

Methods for cleaning up No specific clean-up procedure recommended.

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

7. Handling and storage

Precautions for safe handling

Usage precautions Good personal hygiene procedures should be implemented. When handled correctly, undamaged units represent no danger.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool place. Keep separate from food, feedstuffs, fertilizers and other sensitive material.

Specific end uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

HYDROCHLORIC ACID 37%

Ceiling exposure limit: OSHA 5 ppm 7 mg/m³

Ceiling exposure limit: ACGIH 2 ppm 2.98 mg/m³

A4

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A4 = Not Classifiable as a Human Carcinogen.

Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

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Hand protection	No specific hand protection recommended. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber.
Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Respiratory protection	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Clear liquid.
Color	Colorless.
Odor	Almost odorless.
Other information	Not known.

10. Stability and reactivity

Reactivity	There are no known reactivity hazards associated with this product.
Stability	Stable under the prescribed storage conditions.
Possibility of hazardous reactions	Not known.
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	No known hazardous decomposition products.

11. Toxicological information

Information on toxicological effects

Toxicological effects	No information available.
Other health effects	May cause skin irritation. May cause serious eye damage. May cause respiratory irritation.
<u>Acute toxicity - oral</u>	
Summary	No information available.
<u>Acute toxicity - dermal</u>	
Summary	May cause skin irritation.
<u>Acute toxicity - inhalation</u>	
Summary	May cause respiratory irritation.
<u>Skin corrosion/irritation</u>	
Summary	May cause skin irritation.
<u>Serious eye damage/irritation</u>	
Summary	May cause serious eye damage.

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Carcinogenicity

Summary No information available.

Reproductive toxicity

Summary No information available.

Inhalation May cause respiratory irritation.

Ingestion No information available.

Skin Contact May cause skin irritation.

Eye contact May cause serious eye damage.

12. Ecological information

Ecotoxicity Not considered to be a significant hazard due to the small quantities used. However, large or frequent spills may have hazardous effects on the environment.

Toxicity No information available.

Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Mobility in soil

Mobility The product is soluble in water.

Other adverse effects

Other adverse effects No data available.

13. Disposal considerations

Waste treatment methods

Disposal methods No specific disposal method required.

14. Transport information

General As supplied, this product is consigned under the Excepted Quantities provisions. When handled correctly, undamaged units represent no danger.

UN Number

UN No. (TDG) 1789

UN No. (IMDG) 1789

UN No. (ICAO) 1789

UN No. (DOT) UN1789

UN proper shipping name

Proper shipping name (TDG) HYDROCHLORIC ACID

Proper shipping name (IMDG) HYDROCHLORIC ACID

Proper shipping name (ICAO) HYDROCHLORIC ACID

BLANK SOLUTION**Proper shipping name (DOT)** HYDROCHLORIC ACID**Transport hazard class(es)**

DOT hazard class 8

DOT hazard label 8

TDG class 8

TDG label(s) 8

IMDG Class 8

ICAO class/division 8

Transport labels**DOT transport labels****Packing group**

TDG Packing Group III

IMDG packing group III

ICAO packing group III

DOT packing group III

Environmental hazards**Environmentally Hazardous Substance**

No.

Special precautions for user
IMDG Code segregation group 1. Acids
EmS F-A, S-B**DOT reportable quantity** RQ: Hydrogen chloride (505050.5051 lbs)
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.
15. Regulatory information**US Federal Regulations****CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

None of the ingredients are listed.

SARA 313 Emission Reporting

None of the ingredients are listed.

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CAA Accidental Release Prevention

None of the ingredients are listed.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed.

Massachusetts "Right To Know" List

None of the ingredients are listed.

Rhode Island "Right To Know" List

None of the ingredients are listed.

Minnesota "Right To Know" List

None of the ingredients are listed.

New Jersey "Right To Know" List

None of the ingredients are listed.

Pennsylvania "Right To Know" List

None of the ingredients are listed.

Inventories

Canada - DSL/NDSL

All the ingredients are listed or exempt.

US - TSCA

All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

16. Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Issued by	L. Morgan
Revision date	12/21/2020
Revision	16
Supersedes date	10/1/2020
SDS status	Approved.
Hazard statements in full	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.