



Material Safety Data Sheet

Chloride Standards, 1000ppm and 0.0141N

Section 1 - Chemical Product and Company Identification

MSDS Name:

Chloride Standards, 1000ppm and 0.0141N

Catalog Numbers:

LC13000, LC13010

Synonyms:

None

Company Identification:

LabChem Inc
 200 William Pitt Way
 Pittsburgh, PA 15238

Company Phone Number:

(412) 826-5230

Emergency Phone Number:

(800) 424-9300

CHEMTREC Phone Number:

(800) 424-9300

Section 2 – Composition, Information on Ingredients

CAS#	Chemical Name:	Percent
7732-18-5	Water	balance
7647-14-5	Sodium chloride	<0.2

Section 3 - Hazards Identification

Emergency Overview

Appearance: Clear, colorless solutions**Caution.** May cause mild eye irritation.**Target Organs:** None.**Potential Health Effects****Eye:**

May cause mild eye irritation.

Skin:

Non-irritating to the skin.

Ingestion:

No hazard is expected during normal use.

Inhalation:

No hazard expected during normal use.

Chronic:

No information found.



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Section 4 - First Aid Measures

Eyes:

Flush eyes with water for 15-20 minutes. If irritation develops, get medical aid.

Skin:

Get medical aid if irritation develops or persists.

Ingestion:

Do NOT induce vomiting. Get medical aid.

Inhalation:

Move victim to fresh air. If irritation develops, get medical aid.

Notes to Physician:

Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information:

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

Extinguishing Media:

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam.

Autoignition Temperature:

No information found.

Flash Point:

No information found.

NFPA Rating:

CAS# 7732-18-5: Health- 0, Flammability- 0, Instability- 0.

CAS# 7647-14-5: Health- 1, Flammability- 0, Instability- 0.

Explosion Limits:

Lower: n/a Upper: n/a

Section 6 - Accidental Release Measures

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spill using an inert material such as earth, sand, diatomaceous earth, vermiculite, or other suitable absorbent. Transfer to a suitable container labeled for disposal.

Section 7 - Handling and Storage

Handling:

Wash thoroughly after handling.

Storage:

Store capped at room temperature.



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Section 8 - Exposure Controls, Personal Protection

Engineering Controls:

Facilities using or storing this material should be equipped with an eyewash and safety shower.
Good general ventilation should be sufficient to control airborne levels.

Exposure Limits:

Chemical Name:	ACGIH	NIOSH	OSHA
Water	None of the components are on this list	None of the components are on this list	None of the components are on this list
Sodium chloride	None of the components are on this list	None of the components are on this list	None of the components are on this list

OSHA Vacated PELs:

None.

Personal Protective Equipment**Eyes:**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin:

Wear appropriate gloves to prevent skin exposure.

Clothing:

Wear appropriate clothing to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Section 9 - Physical and Chemical Properties

Physical State:	Liquid
Color:	Colorless
Odor:	Odorless
pH:	Neutral
Vapor Pressure:	14 mm Hg @20C
Vapor Density:	0.7 (water)
Evaporation Rate:	No information found.
Viscosity:	No information found.
Boiling Point:	212°F (100°C)
Freezing/Melting Point:	32°F (0°C)
Decomposition Temperature:	No information found.
Solubility in water:	Soluble.
Specific Gravity/Density:	1.0
Molecular Formula:	No information found.
Molecular Weight:	No information found.

Section 10 - Stability and Reactivity

Chemical Stability:

Stable under normal temperatures and pressures.



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Conditions to Avoid:

Incompatible materials.

Incompatibilities with Other Materials:

Strong oxidizers, silver compounds.

Hazardous Decomposition Products:

Hydrogen chloride, sodium oxide fumes.

Hazardous Polymerization:

Has not been reported.

Section 11 - Toxicological Information

RTECS:

CAS# 7732-18-5: ZC0110000.

CAS# 7647-14-5: VZ4725000.

LD50/LC50:

CAS# 7732-18-5:

Oral, rat: LD50 = >90 mL/kg.

CAS# 7647-14-5:

Oral, mouse: LD50 = 4 g/kg

Oral, rat: LD50 = 3 g/kg.

Carcinogenicity:

CAS# 7732-18-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

CAS# 7647-14-5: Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65.

Epidemiology:

Sodium chloride has been shown to affect blood pressure and cause hypertension; however, the low concentrations of these solutions make it unlikely that ingestion would cause this effect.

Teratogenicity:

No information found

Reproductive:

No information found

Mutagenicity:

No information found

Neurotoxicity:

No information found

Section 12 - Ecological Information

No information found

Section 13 - Disposal Considerations

Dispose of in accordance with Federal, State, and local regulations.



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Section 14 - Transport Information

US DOT

Shipping Name: Not regulated.
Hazard Class:
UN Number:
Packing Group:

Section 15 - Regulatory Information

US Federal

TSCA:

CAS# 7732-18-5 is listed on the TSCA Inventory.
CAS# 7647-14-5 is listed on the TSCA Inventory..

SARA Reportable Quantities (RQ):

None of the components are on this list.

CERCLA/SARA Section 313:

None of the components are on this list.

OSHA - Highly Hazardous:

None of the components are on this list.

US State

State Right to Know:

Not available.

California Regulations:

None.

European/International Regulations

Canadian DSL/NDSL:

CAS# 7732-18-5 is listed on Canada's DSL List.
CAS# 7647-14-5 is listed on Canada's DSL List.

Canada Ingredient Disclosure List:

CAS# 7732-18-5 is not listed on Canada's Ingredient Disclosure List.
CAS# 7647-14-5 is not listed on Canada's Ingredient Disclosure List.

Section 16 - Other Information

MSDS Creation Date: November 9, 1997

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