



# HYPO-CHLOR NEUTRAL BUFFER

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

VELTEK ASSOCIATES, INC.

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### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : HYPO-CHLOR NEUTRAL BUFFER  
Product code : SDS VEL-125

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Buffer for use in HYPO-CHLOR Neutral SimpleMix package only  
For professional use only

#### 1.3. Supplier

Veltek Associates, Inc.  
15 Lee Blvd  
Malvern, PA 19355-1234 USA  
Telephone: +1 610-644-8335 - Fax: +1 610-644-8336  
E-mail: vai@sterile.com

In Canada distributed by:

CCR  
200 Terence Matthews  
Kanata, ONT K2M 2C6, Canada  
Telephone: 613-591-0044

#### 1.4. Emergency telephone number

Emergency number : CARECHEM 24 call: 1-866-928-0789

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS-US labeling

No labeling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Neutral aqueous solution*	(CAS-No.) Trade Secret	30 - 40	Not classified

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Not required for normal conditions of use.  
First-aid measures after skin contact : Wash skin with plenty of water. If skin irritation occurs: Get medical advice/attention.  
First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. If symptoms develop, obtain medical attention.

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First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Do not give an unconscious person anything to drink. If symptoms develop, obtain medical attention.

### 4.2. Most important symptoms and effects (acute and delayed)

Potential Adverse human health effects and symptoms : Slight eye irritant upon direct contact. Repeated or prolonged contact may cause skin irritation.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Not combustible.  
Unsuitable extinguishing media : None known.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Not flammable.  
Reactivity : Stable under normal conditions.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus when in close proximity to fire.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment : Use personal protective equipment as required.

#### 6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.  
Emergency procedures : Ventilate area. Avoid contact with skin and eyes.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if large amounts of the product enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapor.  
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take off immediately all contaminated clothing and wash it before reuse.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.  
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : acids. Keep container closed when not in use. Keep away from heat. Keep away from sources of ignition.  
Incompatible materials : Acids. Water reactive materials.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available.

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### 8.2. Appropriate engineering controls

Appropriate engineering controls	: Provide adequate ventilation.
Environmental exposure controls	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

### 8.3. Individual protection measures/Personal protective equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

#### Hand protection:

Wear chemically resistant protective gloves.

#### Eye protection:

Safety glasses

#### Skin and body protection:

Long sleeved protective clothing

#### Respiratory protection:

Not required for normal conditions of use. In case of insufficient ventilation, wear suitable respiratory equipment

#### Thermal hazard protection:

Not required for normal conditions of use.

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Colorless
Odor	: odorless
Odor threshold	: No data available
pH	: 6.5 - 7.5
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: 100 °C (212°F)
Flash point	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not flammable
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: 1.2 - 1.4 (Water = 1)
Solubility	: Miscible with water.
Log Pow	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosion limits	: Not applicable
Explosive properties	: Not applicable.
Oxidizing properties	: No data available

### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

Acids. Water reactive materials.

#### 10.6. Hazardous decomposition products

None known.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

##### Neutral aqueous solution

LD50 dermal rabbit	> 5000 mg/kg (50% Aqueous solution)
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Skin corrosion/irritation : Not classified  
pH: 6.5 - 7.5

Serious eye damage/irritation : Not classified  
pH: 6.5 - 7.5

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Slight eye irritant upon direct contact. Repeated or prolonged contact may cause skin irritation.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - water : Not classified.

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

##### HYPO-CHLOR NEUTRAL BUFFER

Ecology - soil	Miscible with water.
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#### 12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

GWPMix comment : No known effects from this product.

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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated

#### Transportation of Dangerous Goods

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### Neutral aqueous solution

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

##### National regulations

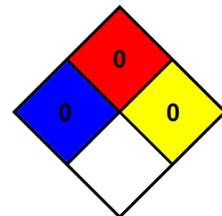
No additional information available

#### 15.3. US State regulations

No additional information available

### SECTION 16: Other information

Revision date : 02/27/2018  
Data sources : US OSHA HazCom (GHS) 25 May 2012.  
Other information : This product is contained in a two part package.  
NFPA health hazard : 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.  
NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.  
NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



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### Hazard Rating

Health : 0 Minimal Hazard - No significant risk to health  
Flammability : 0 Minimal Hazard - Materials that will not burn  
Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

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