

## SAFETY DATA SHEET



## BL0930 MST SECURE 12QT CS

Version 1.0

Revision Date 06/10/2015

Print Date 10/14/2015

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : BL0930 MST SECURE 12QT CS

Material number : 00000000001038801

**Manufacturer or supplier's details**

Company : Zep Inc.

Address : 1310 Seaboard Industrial Blvd., NW  
Atlanta, GA 30318

Telephone : 404-352-1680

**Emergency telephone numbers****For SDS Information** : Compliance Services 1-877-428-9937**For a Medical Emergency** : 877-541-2016 Toll Free - All Calls Recorded**For a Transportation  
Emergency** : CHEMTREC: 800-424-9300 - All Calls Recorded.  
In the District of Columbia 202-483-7616

## SECTION 2. HAZARDS IDENTIFICATION

**Emergency Overview**

|            |           |
|------------|-----------|
| Appearance | liquid    |
| Colour     | blue      |
| Odour      | mint-like |

**GHS Classification**

Skin corrosion : Category 1B

Serious eye damage : Category 1

**GHS Label element**

Hazard pictograms :



Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**  
 P264 Wash skin thoroughly after handling.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
**Response:**  
 P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 P304 + P340 + P310 IF INHALED: Remove victim to fresh air

## BL0930 MST SECURE 12QT CS

Version 1.0

Revision Date 06/10/2015

Print Date 10/14/2015

and keep at rest in a position comfortable for breathing.  
Immediately call a POISON CENTER or doctor/ physician.  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  
P363 Wash contaminated clothing before reuse.

**Storage:**

P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container in accordance with local regulation.

**Potential Health Effects****Carcinogenicity:****IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA**

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

**Hazardous components**

| Chemical Name     | CAS-No.   | Concentration [%] |
|-------------------|-----------|-------------------|
| HYDROCHLORIC ACID | 7647-01-0 | >= 5 - < 10       |

**SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.

If inhaled : If unconscious place in recovery position and seek medical advice.  
Consult a physician after significant exposure.

In case of skin contact : If skin irritation persists, call a physician.  
Wash off immediately with plenty of water for at least 15 minutes.  
If on clothes, remove clothes.

In case of eye contact : Remove contact lenses.

**BL0930 MST SECURE 12QT CS**

Version 1.0

Revision Date 06/10/2015

Print Date 10/14/2015

Protect unharmed eye.  
 Rinse immediately with plenty of water for at least 15 minutes.  
 Keep eye wide open while rinsing.  
 If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.  
 Never give anything by mouth to an unconscious person.  
 If symptoms persist, call a physician.  
 DO NOT induce vomiting unless directed to do so by a physician or poison control center.  
 Take victim immediately to hospital.

**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Water spray jet  
 Alcohol-resistant foam  
 Carbon dioxide (CO<sub>2</sub>)  
 Dry chemical

Unsuitable extinguishing media : High volume water jet

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : Chlorine compounds

Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
 Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
 Ensure adequate ventilation.  
 Remove all sources of ignition.  
 Evacuate personnel to safe areas.

Environmental precautions : Prevent product from entering drains.  
 Prevent further leakage or spillage if safe to do so.  
 If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
 Sweep up or vacuum up spillage and collect in suitable container for disposal.

**BL0930 MST SECURE 12QT CS**

Version 1.0

Revision Date 06/10/2015

Print Date 10/14/2015

**SECTION 7. HANDLING AND STORAGE**

- Advice on safe handling : Avoid exposure - obtain special instructions before use.  
 Avoid contact with skin and eyes.  
 For personal protection see section 8.  
 Smoking, eating and drinking should be prohibited in the application area.  
 Do not breathe vapours or spray mist.  
 Take precautionary measures against static discharges.  
 Provide sufficient air exchange and/or exhaust in work rooms.  
 Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
 Observe label precautions.  
 Electrical installations / working materials must comply with the technological safety standards.
- Materials to avoid : Store and keep away from bases and alkalies.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

| Components        | CAS-No.   | Value type<br>(Form of exposure) | Control parameters /<br>Permissible concentration | Basis     |
|-------------------|-----------|----------------------------------|---|-----------|
| HYDROCHLORIC ACID | 7647-01-0 | C                                | 2 ppm   | ACGIH     |
|                   |           | C                                | 5 ppm<br>7 mg/m <sup>3</sup>                      | NIOSH REL |
|                   |           | C                                | 5 ppm<br>7 mg/m <sup>3</sup>                      | OSHA Z-1  |
|                   |           | C                                | 5 ppm<br>7 mg/m <sup>3</sup>                      | OSHA P0   |

**Personal protective equipment**

- Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
- Hand protection  
 Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Ensure that eyewash stations and safety showers are close to the workstation location.  
 Safety glasses
- Skin and body protection : impervious clothing

**BL0930 MST SECURE 12QT CS**

Version 1.0

Revision Date 06/10/2015

Print Date 10/14/2015

---

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

---

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : liquid

Colour : blue

Odour : mint-like

Odour Threshold : no data available

pH : < 1.5

Melting point/freezing point : no data available

Boiling point : no data available

Flash point :  
Method: closed cup  
not applicable

Evaporation rate : no data available

Upper explosion limit : no data available

Lower explosion limit : no data available

Vapour pressure : no data available

Relative vapour density : no data available

Relative density : 1.047

Density : no data available

Solubility(ies)

Water solubility : soluble

Partition coefficient: n-octanol/water : no data available

Auto-ignition temperature : not determined

Thermal decomposition : no data available

Viscosity

Viscosity, kinematic : no data available

---

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : Stable

Chemical stability : Stable under normal conditions.

---

# SAFETY DATA SHEET



## BL0930 MST SECURE 12QT CS

Version 1.0

Revision Date 06/10/2015

Print Date 10/14/2015

Possibility of hazardous reactions : No decomposition if stored and applied as directed.  
Conditions to avoid : Heat, flames and sparks.  
Incompatible materials : Bases  
Hazardous decomposition products : No decomposition if stored and applied as directed.

---

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

no data available

#### Skin corrosion/irritation

**Product:**

Remarks: Extremely corrosive and destructive to tissue.

#### Serious eye damage/eye irritation

**Product:**

Remarks: May cause irreversible eye damage.

#### Respiratory or skin sensitisation

no data available

#### Germ cell mutagenicity

no data available

#### Carcinogenicity

no data available

#### Reproductive toxicity

no data available

**HYDROCHLORIC ACID:**

#### STOT - single exposure

no data available

#### STOT - repeated exposure

no data available

#### Aspiration toxicity

no data available

#### Further information

**Product:**

Remarks: no data available

**BL0930 MST SECURE 12QT CS**

Version 1.0

Revision Date 06/10/2015

Print Date 10/14/2015

**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential****Product:**

Partition coefficient: n-octanol/water : Remarks: no data available

**Mobility in soil**

no data available

**Other adverse effects**

no data available

**Product:**

|            |   |
|------------|---|
| Regulation | 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  |
| Remarks    | This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). |

Additional ecological information : no data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Do not dispose of waste into sewer.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

**SECTION 14. TRANSPORT INFORMATION**

|  |
|--|
| Transportation Regulation: 49 CFR (USA):<br>UN1760, CORROSIVE LIQUID, N.O.S., (HYDROCHLORIC ACID), 8, II |
|--|

# SAFETY DATA SHEET



## BL0930 MST SECURE 12QT CS

Version 1.0

Revision Date 06/10/2015

Print Date 10/14/2015

Transportation Regulation: IMDG (Vessel):  
UN1760, CORROSIVE LIQUID, N.O.S., (HYDROCHLORIC ACID), 8, II

Transportation Regulation: IATA (Cargo Air):  
UN1760, Corrosive liquid, n.o.s., (HYDROCHLORIC ACID), 8, II

Transportation Regulation: IATA (Passenger Air):  
UN1760, Corrosive liquid, n.o.s., (HYDROCHLORIC ACID), 8, II

Transportation Regulation: TDG (Canada):  
UN1760, CORROSIVE LIQUID, N.O.S., (HYDROCHLORIC ACID), 8, II

### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

| Components        | CAS-No.   | Component RQ (lbs) | Calculated product RQ (lbs) |
|-------------------|-----------|--------------------|-----------------------------|
| HYDROCHLORIC ACID | 7647-01-0 | 5000               | *                           |

\*: Calculated RQ exceeds reasonably attainable upper limit.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**California Prop 65** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### The components of this product are reported in the following inventories:

**TSCA** On TSCA Inventory  
**DSL** All components of this product are on the Canadian DSL.  
**AICS** On the inventory, or in compliance with the inventory  
**NZIoC** On the inventory, or in compliance with the inventory  
**PICCS** On the inventory, or in compliance with the inventory  
**IECSC** On the inventory, or in compliance with the inventory

#### Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECl (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)



# SAFETY DATA SHEET



## BL0930 MST SECURE 12QT CS

Version 1.0

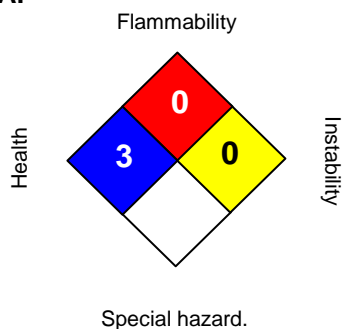
Revision Date 06/10/2015

Print Date 10/14/2015

### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA:



##### HMIS III:

|                        |          |
|------------------------|----------|
| <b>HEALTH</b>          | <b>3</b> |
| <b>FLAMMABILITY</b>    | <b>0</b> |
| <b>PHYSICAL HAZARD</b> | <b>0</b> |

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

#### OSHA GHS Label Information:

Hazard pictograms :



Signal word :

**Danger:**

Hazard statements :

Causes severe skin burns and eye damage.

Precautionary statements :

**Prevention:** Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician. Wash contaminated clothing before reuse.

**Storage:** Store locked up.

**Disposal:** Dispose of contents/container in accordance with local regulation.

|                |            |
|----------------|------------|
| Version:       | 1.0        |
| Revision Date: | 06/10/2015 |
| Print Date:    | 10/14/2015 |

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organization supporting this manufacturer, supplier or distributor.

Zep Inc. markets products under well recognized and established brand names such as Zep®, Zep Commercial®, Zep Professional®, Enforcer®, National Chemical™, Selig™, Misty®, Next Dimension™, Petro®, i-Chem®, TimeMist®, TimeWick™, MicrobeMax®, Country Vet®,

# SAFETY DATA SHEET



## BL0930 MST SECURE 12QT CS

Version 1.0

Revision Date 06/10/2015

Print Date 10/14/2015

---

Konk®, Original Bike Spirits®, Blue Coral®, Black Magic®, Rain-X®, Niagara National™, FC Forward Chemicals®, Rexodan®, Mykal™, and a number of private labeled brands.