# PREMIUM TWIN BLC#1

Safety Data Sheet

according to the Model Work Health and Safety Regulations
Issue date: 17/11/2016 Revision date: 17/11/2021 Supersedes: 17/11/2016 Version: 2.0

## SECTION 1: Product identifier

### 1.1. GHS Product identifier

Product form : Mixture
Product name : PREMIUM TWIN BLC#1
Product code : 30142

### 1.2. Other means of identification

Other means of identification : Beer Line Cleaner- Alkaline Detergent

### 1.3. Recommended use of the chemical and restrictions on use

Recommended use : Industrial Cleaning Agent
Restrictions on use : For Industrial Use Only

### 1.4. Details of manufacturer or importer

**Supplier**
ANDALE BEVERAGE SYSTEMS
5 Kings Street
Airport West 3042
T 03 9339 6666

### 1.5. Emergency phone number

Emergency number : 03 9339 6666

## SECTION 2: Hazard identification

### 2.1. Classification of the hazardous chemical

**Classification according to the model Work Health and Safety Regulations (WHS Regulations)**

| | |
|---|---|
| Corrosive to metals, Category 1 | H290 |
| Acute toxicity (oral), Category 5 | H303 |
| Skin corrosion/irritation, Category 1 | H314 |
| Serious eye damage/eye irritation, Category 1 | H318 |

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

Hazard pictograms (GHS AU) :

Corrosion

Signal word (GHS AU) : Danger
Contains : Potassium Hydroxide (10 – 30 %); Sodium Hydroxide (10 – 30 %); Ethylene Diamine Tetraacetic Acid- Tetrasodium salt (1 – 10 %)
Hazard statements (GHS AU) : H290 - May be corrosive to metals
H303 - May be harmful if swallowed
H314 - Causes severe skin burns and eye damage
Precautionary statements (GHS AU) : P234 - Keep only in original container.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P304+P340 - IF INHALED: Remove person to fresh air and keep 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.
P310 - Immediately call a POISON CENTER or doctor.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P363 - Wash contaminated clothing before reuse.
P390 - Absorb spillage to prevent material damage.
P405 - Store locked up.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Additional hazard statements (GHS AU) : For exposure advice within Australia contact the Poisons Information Centre 131 126.

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

No additional information available

## SECTION 3: Composition and information on ingredients

| Name | CAS-No. | % | Classification according to the model Work Health and Safety Regulations (WHS Regulations) |
|---|---|---|---|
| Potassium Hydroxide | 1310-58-3 | 10 – 30 | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1A, H314 |
| Sodium Hydroxide | 1310-73-2 | 10 – 30 | Met. Corr. 1, H290<br>Skin Corr. 1A, H314<br>Eye Dam. 1, H318 |
| Ethylene Diamine Tetraacetic Acid- Tetrasodium salt | 64-02-8 | 1 – 10 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318 |
| Polyacrylic Acid- Modified sodium salt | Proprietary | < 1 | Not classified |
| Other substances (not contributing to the classification of this product) | - | Up To 100% | Not classified |

## SECTION 4: First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : If you feel unwell, seek medical advice. Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact : Wash with plenty of water/…. Take off immediately all contaminated clothing and wash it before reuse. Get immediate medical advice/attention. Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.

First-aid measures after eye contact : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : If swallowed, seek medical advice immediately and show this container or label. Rinse mouth out with water. Do not induce vomiting because of corrosive effects. Rinse mouth. Do not induce vomiting. Call a physician immediately.

### 4.2. Symptoms caused by exposure

Symptoms/effects : Causes severe skin burns and eye damage.

Symptoms/effects after inhalation : May cause shortness of breath, tightness of the chest, a sore throat and cough.

Symptoms/effects after skin contact : Causes severe burns. Burns.

Symptoms/effects after eye contact : Causes serious eye damage. Serious damage to eyes.

Symptoms/effects after ingestion : Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Burns.

### 4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Foam. Dry powder. Carbon dioxide. Sand.

### 5.2. Specific hazards arising from the chemical

Fire hazard : In case of fire and/or explosion do not breathe fumes.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

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

Protection during firefighting : Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive presure mode. In the case of ALL chemical fires, extra care should be taken to avoid injury or exposure. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Hazchem Code : 2R

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe mist, spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Prevent liquid from entering sewers, watercourses, underground or low areas.

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

For containment : Absorb spilled material with sand or earth.

Methods for cleaning up : Take up liquid spill into absorbent material. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Ensure the appropriate personal protective equipment is used when handling this material. When using do not eat or drink. Prevent spills and avoid operations which may contaminate clothing or work areas. Contaminated surfaces are likely to become a slip hazard. Avoid contact with skin and eyes. Do not breathe mist, spray. Wear personal protective equipment.

Hygiene measures : Take off immediately all contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse.

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

Storage conditions : Dangerous Goods of Class 8 Corrosives (Alkaline) are incompatible and should not be stored with any of the following: -Food Goods, Class 1, Class 4.3, Class 5, Class 6, Class 7 and Class 8 dangerous goods that are acids and unless proper segregation is provided. A dangerous goods store should also be cool, dry, well ventilated, away from direct sunlight and have restricted access. Store locked up. Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls and personal protection

### 8.1. Control parameters - exposure standards

| Potassium Hydroxide (1310-58-3) | |
|---|---|
| **Australia - Occupational Exposure Limits** | |
| Local name | Potassium hydroxide |
| OES C | 2 mg/m³ |
| **USA - ACGIH - Occupational Exposure Limits** | |
| Local name | Potassium hydroxide |
| ACGIH OEL C | 2 mg/m³ |
| Remark (ACGIH) | URT, eye, & skin irr |

| Sodium Hydroxide (1310-73-2) | |
|---|---|
| **Australia - Occupational Exposure Limits** | |
| Local name | Sodium hydroxide |
| OES C | 2 mg/m³ |
| **USA - ACGIH - Occupational Exposure Limits** | |
| Local name | Sodium hydroxide |
| ACGIH OEL C | 2 mg/m³ |
| Remark (ACGIH) | URT, eye, & skin irr |

### 8.2. Monitoring methods

No additional information available

### 8.3. Engineering controls

Appropriate engineering controls : Natural ventilation usually adequate when product is used as directed. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, an exhaust ventilation system is required to maintain under levels under the exposure limits. Ensure good ventilation of the work station.

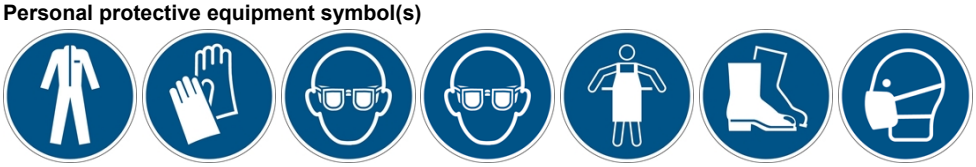
### 8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : The following personal protective equipment must be worn. Safety glasses,goggles or faceshield as appropriate. Enclosed footwear. Elbow-length PVC gloves. Splash apron.

Eye protection : Safety glasses

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment

**Personal protective equipment symbol(s)**



Environmental exposure controls : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

Physical state : Liquid

Appearance : Clear.

Colour : amber

Odour : Bland

Odour threshold : No data available

pH : 13 – 14

Relative evaporation rate (butylacetate=1) : No data available

| | | |
|---|---|---|
| Melting point / Freezing point | : | Melting point: Not applicable<br>Freezing point: ≈ -5 °C |
| Boiling point | : | ≈ 115 °C |
| Flash point | : | No data available |
| Auto-ignition temperature | : | No data available |
| Flammability (solid, gas) | : | No data available |
| Vapour pressure | : | No data available |
| Relative density | : | No data available |
| Density | : | Relative density: 1.21 – 1.24 |
| Solubility | : | Miscible with water. |
| Partition coefficient n-octanol/water (Log Pow) | : | No data available |
| Explosive properties | : | No data available |
| Explosive limits | : | No data available |
| Minimum ignition energy | : | No data available |
| Fat solubility | : | No data available |

## SECTION 10: Stability and reactivity

| | | |
|---|---|---|
| Reactivity | : | May be corrosive to metals. The product is non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | : | Stable under normal conditions of use. |
| Possibility of hazardous reactions | : | Reacts vigorously with strong oxidizers and acids. |
| Conditions to avoid | : | None under recommended storage and handling conditions (see section 7). |
| Incompatible materials | : | Strong acids. Oxidizing agent. |
| Hazardous decomposition products | : | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## SECTION 11: Toxicological information

| | | |
|---|---|---|
| Acute toxicity (oral) | : | May be harmful if swallowed. |
| Acute toxicity (dermal) | : | Not classified |
| Acute toxicity (inhalation) | : | Not classified |

| | |
|---|---|
| ATE AU (oral) | 3848.522 mg/kg bodyweight |

| **Potassium Hydroxide (1310-58-3)** | |
|---|---|
| ATE AU (oral) | 500 mg/kg bodyweight |

| **Ethylene Diamine Tetraacetic Acid- Tetrasodium salt (64-02-8)** | |
|---|---|
| ATE AU (oral) | 500 mg/kg bodyweight |

| | | |
|---|---|---|
| Skin corrosion/irritation | : | Causes severe skin burns.<br>pH: 13 – 14 |
| Serious eye damage/irritation | : | Causes serious eye damage.<br>pH: 13 – 14 |
| Respiratory or skin sensitisation | : | May cause irritation if ingested. |
| Germ cell mutagenicity | : | Not classified |
| Carcinogenicity | : | Not classified |
| Reproductive toxicity | : | Not classified |
| STOT-single exposure | : | Not classified |
| STOT-repeated exposure | : | Not classified |
| Aspiration hazard | : | Not classified |

## SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

## 12.1. Ecotoxicity

Ecology - general : This product is highly alkaline. It will effect local flora and fauna if released into the environment. Avoid release in waterways and only dispose of in accordance with local authorities. Before neutralisation, the product may represent a danger to aquatic organisms.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

## 12.2. Persistence and degradability

| PREMIUM TWIN BLC#1 | |
|---|---|
| Persistence and degradability | Readily biodegradable according to OECD guidelines. |

## 12.3. Bioaccumulative potential

No additional information available

## 12.4. Mobility in soil

No additional information available

## 12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

| PREMIUM TWIN BLC#1 | |
|---|---|
| Fluorinated greenhouse gases | False |

| Potassium Hydroxide (1310-58-3) | |
|---|---|
| Fluorinated greenhouse gases | False |

| Sodium Hydroxide (1310-73-2) | |
|---|---|
| Fluorinated greenhouse gases | False |

| Ethylene Diamine Tetraacetic Acid- Tetrasodium salt (64-02-8) | |
|---|---|
| Fluorinated greenhouse gases | False |

| Polyacrylic Acid- Modified sodium salt (Proprietary) | |
|---|---|
| Fluorinated greenhouse gases | False |

| Other substances (not contributing to the classification of this product) | |
|---|---|
| Fluorinated greenhouse gases | False |

# SECTION 13: Disposal considerations

Regional legislation (waste) : If practical return drums to supplier or send to a drum reconditioner without removing or defacing markings or labels. All containers should be emptied, washed out and have all caps securely fitted. Drums (even empty drums) without caps cannot be transported.

Waste treatment methods : In dilute form discharge into an effluent system to correct pH . Contain all spills of concentrated product from entering waterways. Dispose of concentrate in accordance with local regulatory requirements. Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

| ADG | IMDG | IATA |
|---|---|---|
| **14.1. UN number** | | |
| 1719 | 1719 | 1719 |
| **14.2. UN Proper Shipping Name** | | |
| CAUSTIC ALKALI LIQUID, N.O.S. (Potassium Hydroxide) | CAUSTIC ALKALI LIQUID, N.O.S. ( Potassium Hydroxide) | Caustic alkali liquid, n.o.s. (Potassium Hydroxide) |
| **14.3. Transport hazard class(es)** | | |
| 8 | 8 | 8 |
|  |  |  |
| **14.4. Packing group** | | |
| II - substances presenting medium danger | II | II |
| **14.5. Environmental hazards** | | |
| Dangerous for the environment: No | Dangerous for the environment: No<br>Marine pollutant: No | Dangerous for the environment: No |

### 14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

**Transport by road and rail**

UN-No. (ADG) : 1719
Special provision (ADG) : 274
Limited quantities (ADG) : 1l
Packing instructions (ADG) : P001, IBC02
Portable tank and bulk container instructions (ADG) : T11
Portable tank and bulk container special provisions (ADG) : TP2, TP27

**Transport by sea**

UN-No. (IMDG) : 1719
Special provisions (IMDG) : 274
Limited quantities (IMDG) : 1 L
Excepted quantities (IMDG) : E2
Packing instructions (IMDG) : P001
IBC packing instructions (IMDG) : IBC02
Tank instructions (IMDG) : T11
Tank special provisions (IMDG) : TP2, TP27
EmS-No. (Fire) : F-A - FIRE SCHEDULE Alfa - GENERAL FIRE SCHEDULE
EmS-No. (Spillage) : S-B - SPILLAGE SCHEDULE Bravo - CORROSIVE SUBSTANCES
Stowage category (IMDG) : A

**Air transport**

UN-No. (IATA) : 1719
PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y841
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 852

| | | |
|---|---|---|
| PCA max net quantity (IATA) | : | 5L |
| CAO packing instructions (IATA) | : | 856 |
| CAO max net quantity (IATA) | : | 60L |
| Special provisions (IATA) | : | A3, A803 |
| ERG code (IATA) | : | 8L |

### 14.8. Hazchem or Emergency Action Code

Hazchem Code : 2R

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)**

| | | |
|---|---|---|
| Covered by The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) | : | This chemical is covered by the Standard for the Uniform Scheduling of Medicines and Poisons |
| Relevant Poisons Schedule number | : | Poison |

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

**Indication of changes:**
Manditory 5 year SDS review.

| | | |
|---|---|---|
| Data sources | : | Safe Work Australia- Code of Practice- Preparation of Safety Data Sheets for Hazardous Chemicals<br>Safe Work Australia- Code of Practice- Labelling of Workplace Hazardous Chemicals<br>NICNAS- Australian Inventory of Chemical Substances (AICS)<br>NICNAS- Relevant Chemical Assessment Reports<br>Safe Work Australia- Workplace Exposure Standards for Airborne Contaminants<br>United Nations- Globally Harmonised System of Classification and Labelling of Chemicals (GHS)<br>Safe Work Australia- Hazardous Substances Information System (HSIS)<br>The National Transport Commission- Australian Dangerous Goods Code (ADG Code)<br>Relevant Raw Material Suppliers- Component Safety Data Sheets. |
| Revision date | : | 17/11/2021 |
| Other information | : | The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control Sopura Australia Pty Ltd and its associated companies do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts. |

| Classification | |
|---|---|
| Met. Corr. 1 | H290 |
| Acute Tox. 5 (Oral) | H303 |
| Skin Corr. 1 | H314 |
| Eye Dam. 1 | H318 |

| Full text of H-statements | |
|---|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Acute Tox. 5 (Oral) | Acute toxicity (oral), Category 5 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |

| Full text of H-statements | |
|---|---|
| Met. Corr. 1 | Corrosive to metals, Category 1 |
| Skin Corr. 1 | Skin corrosion/irritation, Category 1 |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1A |
| H290 | May be corrosive to metals |
| H302 | Harmful if swallowed |
| H303 | May be harmful if swallowed |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage |

Safety Data Sheet (SDS), Australia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.