



The Power to Question

# SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc.

Revision date 22-Nov-2016

Version 4

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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### 1.1. Product Identifier

|                        |                     |
|------------------------|---------------------|
| Product Name           | TBS Blotto A Vial 1 |
| Product Code           | SC-2333             |
| Pure substance/mixture | mixture             |

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

For research use only. Not intended for diagnostic or therapeutic use.

### 1.3. Details of the supplier of the safety data sheet

|   |  |
|---|--|
| Santa Cruz Biotechnology, Inc.<br>10410 Finnell Street<br>Dallas, TX 75220<br>831.457.3800<br>800.457.3801<br>scbt@scbt.com | Santa Cruz Biotechnology, Inc.<br>Bergheimer Str. 89-2<br>69115 Heidelberg, Germany<br>+49.6221.4503 0<br>+1.800.457.3801<br>europe@scbt.com |
|---|--|

### 1.4. Emergency telephone number

Chemtrec  
1.800.424.9300 (Within USA)  
+1.703.527.3887 (Outside USA)

## Section 2: HAZARDS IDENTIFICATION

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### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Serious eye damage/eye irritation  
Specific target organ toxicity (single exposure)

Category 2 - (H319)  
Category 3 - (H335)

### 2.2. Label Elements

Signal word  
Symbols/Pictograms

Warning



Hazard statements

H319 - Causes serious eye irritation  
H335 - May cause respiratory irritation

EUH210 - Safety data sheet available on request

### 2.3. Other Hazards

General Hazards

Not applicable



### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Molecular Weight No information available  
Formula No information available

#### 3.2 mixtures

| Chemical Name            | EC No   | CAS No    | Weight % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--------------------------|---------|-----------|----------|---|
| Blotto, non-fat dry milk | -       | -         | 55.2     | -   |
| Sodium Chloride          | Present | 7647-14-5 | 35.16    | Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H335) |
| Tris, Hydrochloride      | Present | 1185-53-1 | 8.97     | Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H335) |
| Tris base                | Present | 77-86-1   | 0.67     | Skin Irrit. 2 (H315)<br>Eye Irrit. 2 (H319)<br>STOT SE 3 (H335) |

Full text of H- and EUH-phrases: see section 16

### Section 4: FIRST AID MEASURES

#### 4.1. Description of first aid measures

General advice If symptoms persist, call a physician.

Inhalation Remove to fresh air. If symptoms persist, call a physician. Artificial respiration and/or oxygen may be necessary. Call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors.

Skin Contact Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Wash contaminated clothing before reuse. Wash off immediately with plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.

Ingestion Immediate medical attention is not required. Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

Self-protection of the first aider Use personal protective equipment as required.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms No information available.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

### Section 5: FIRE FIGHTING MEASURES

#### 5.1. Extinguishing media

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### 5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical No information available  
Hazardous combustion products No information available.

#### 5.3. Advice for firefighters



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

## Section 6: ACCIDENTAL RELEASE MEASURES

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

Personal precautions Use personal protective equipment as required. Avoid contact with eyes and skin. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

For emergency responders Use personal protection recommended in Section 8.

### 6.2. Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.

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

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Use personal protective equipment as required. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid creating dust. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water. Take precautionary measures against static discharges.

### 6.4. Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

## Section 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Advice on safe handling Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Use with local exhaust ventilation. Do not breathe dust/fume/gas/mist/vapors/spray.

General Hygiene Considerations When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended.

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

Storage Conditions Keep container tightly closed. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

### 7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Material Safety Data Sheet.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.

### 8.2. Exposure controls

Engineering Controls Showers  
Eyewash stations  
Ventilation systems

Eye/face protection Tight sealing safety goggles. Face protection shield.

Skin and Body Protection Suitable protective clothing. Apron. Gloves made of plastic or rubber.



|                                 |   |
|---------------------------------|---|
| Respiratory protection          | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| Environmental exposure controls | Do not allow into any sewer, on the ground or into any body of water.   |

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

|                |                          |
|----------------|--------------------------|
| Physical State | Solid                    |
| Appearance     | No information available |
| Odor           | No information available |

| <u>Property</u>              | <u>Values</u>            |
|------------------------------|--------------------------|
| pH                           | No information available |
| Melting point/freezing point | No information available |
| Boiling point                | No information available |
| Flash point                  | No information available |
| Density                      | No information available |
| Evaporation rate             | No information available |
| Upper flammability limits    | No information available |
| Lower flammability limit     | No information available |
| Vapor pressure               | No information available |
| Vapor density                | No information available |
| Specific gravity             | No information available |
| Water solubility             | No information available |
| Solubility in other solvents | No information available |
| Partition coefficient        | No information available |
| Autoignition temperature     | No information available |
| Decomposition temperature    | No information available |
| Kinematic viscosity          | No information available |
| Explosive properties         | No information available |
| Oxidizing properties         | No information available |

## Section 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

|            |                |
|------------|----------------|
| Reactivity | Not applicable |
|------------|----------------|

### 10.2. Chemical stability

|                                  |  |
|----------------------------------|--|
| Stability                        | Stable under recommended storage conditions. |
| Sensitivity to Mechanical Impact | No information available.                    |
| Sensitivity to Static Discharge  | No information available.                    |

### 10.3. Possibility of hazardous reactions

|                                    |                               |
|------------------------------------|-------------------------------|
| Hazardous polymerization           | No information available.     |
| Possibility of Hazardous Reactions | None under normal processing. |

### 10.4. Conditions to avoid

|                     |  |
|---------------------|--|
| Conditions to avoid | Extremes of temperature and direct sunlight. |
|---------------------|--|

### 10.5. Incompatible materials

|                        |                          |
|------------------------|--------------------------|
| Incompatible materials | Strong oxidizing agents. |
|------------------------|--------------------------|

### 10.6. Hazardous decomposition products

|                                  |   |
|----------------------------------|---|
| Hazardous Decomposition Products | None known based on information supplied. |
|----------------------------------|---|

## Section 11: TOXICOLOGICAL INFORMATION

**11.1. Information on toxicological effects****Acute toxicity**

Product Information Product does not present an acute toxicity hazard based on known or supplied information.  
 Unknown acute toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.

**The following values are calculated based on chapter 3.1 of the GHS document**

ATEmix (oral) 8,532.00 mg/kg  
 ATEmix (dermal) 28,441.00 mg/kg  
 ATEmix (inhalation-vapor) 119.00 mg/l

| Chemical Name   | Oral LD50            | Dermal LD50          | Inhalation LC50                   |
|-----------------|----------------------|----------------------|-----------------------------------|
| Sodium Chloride | = 3 g/kg ( Rat )     | > 10 g/kg ( Rabbit ) | > 42 g/m <sup>3</sup> ( Rat ) 1 h |
| Tris base       | = 5900 mg/kg ( Rat ) |                      |                                   |

**Section 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

Ecotoxicity May cause long lasting harmful effects to aquatic life.  
 Unknown aquatic toxicity 8.97% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

| Chemical Name   | Algae/aquatic plants | Fish  | Crustacea   |
|-----------------|----------------------|---|---|
| Sodium Chloride |                      | 5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 12946: 96 h Lepomis macrochirus mg/L LC50 static 4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 7050: 96 h Pimephales promelas mg/L LC50 semi-static 6420 - 6700: 96 h Pimephales promelas mg/L LC50 static 6020 - 7070: 96 h Pimephales promelas mg/L LC50 static | 340.7 - 469.2: 48 h Daphnia magna mg/L EC50 Static 1000: 48 h Daphnia magna mg/L EC50 |

**12.2. Persistence and degradability**

Persistence and degradability No information available.

**12.3. Bioaccumulative potential**

Bioaccumulation No information available.

**12.4. Mobility in soil**

Mobility No information available.

**12.5. Results of PBT and vPvB assessment**

PBT and vPvB assessment No information available.

**12.6. Other adverse effects**

Other adverse effects No information available

**Section 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.  
 Contaminated packaging Do not reuse container.



Other Information

Waste codes should be assigned by the user based on the application for which the product was used.

**Section 14: TRANSPORT INFORMATION**

|                                  | <u>RID / ADR</u><br>Not regulated | <u>IMDG</u><br>Not regulated | <u>ICAO (air) / IATA</u><br>Not regulated |
|----------------------------------|-----------------------------------|------------------------------|---|
| 14.1 UN/ID no                    | -                                 | -                            | -   |
| 14.2 Proper shipping name        | -                                 | -                            | -   |
| 14.3 Hazard Class                | -                                 | -                            | -   |
| Subsidiary hazard class / Labels | -                                 | -                            | -   |
| 14.4 Packing Group               | -                                 | -                            | -   |
| 14.5 Environmental Hazard        | -                                 | -                            | -   |
| 14.6 Special Provisions          | -                                 | -                            | -   |

**Section 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National Regulations**

| Chemical Name                | French RG number | Title |
|------------------------------|------------------|-------|
| Sodium Chloride<br>7647-14-5 | RG 78            |       |

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**International Inventories****All of the components in the product are on the following Inventory lists**

No information available

| Chemical Name       | TSCA | DSL | NDSL | EINECS | ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|---------------------|------|-----|------|--------|--------|------|-------|------|-------|------|
| Sodium Chloride     | X    | X   | -    | X      | -      | X    | X     | X    | X     | X    |
| Tris, Hydrochloride | X    | X   | -    | X      | -      | -    | X     | X    | X     | X    |
| Tris base           | X    | X   | -    | X      | -      | X    | X     | X    | X     | X    |

X - Listed

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

**15.2. Chemical safety assessment**

Chemical Safety Report

No information available

**Section 16: OTHER INFORMATION**

Full text of H-Statements referred to under sections 2 and 3

H315 - Causes skin irritation  
H319 - Causes serious eye irritation  
H335 - May cause respiratory irritation  
No information available.

Revision note

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

**End of Safety Data Sheet**



The Power to Question

# SAFETY DATA SHEET

Santa Cruz Biotechnology, Inc.

Revision date 22-Nov-2016

Version 2

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

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### 1.1. Product Identifier

|              |                               |
|--------------|-------------------------------|
| Product Name | TBS Blotto A Vial 2: Tween 20 |
| Product Code | SC-2333 VIAL 2                |
| CAS No       | 9005-64-5                     |

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

For research use only. Not intended for diagnostic or therapeutic use.

### 1.3. Details of the supplier of the safety data sheet

|   |  |
|---|--|
| Santa Cruz Biotechnology, Inc.<br>10410 Finnell Street<br>Dallas, TX 75220<br>831.457.3800<br>800.457.3801<br>scbt@scbt.com | Santa Cruz Biotechnology, Inc.<br>Bergheimer Str. 89-2<br>69115 Heidelberg, Germany<br>+49.6221.4503 0<br>+1.800.457.3801<br>europe@scbt.com |
|---|--|

### 1.4. Emergency telephone number

Chemtrec  
1.800.424.9300 (Within USA)  
+1.703.527.3887 (Outside USA)

## Section 2: HAZARDS IDENTIFICATION

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### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

### 2.2. Label Elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

|                    |                |
|--------------------|----------------|
| Signal word        | Not classified |
| Symbols/Pictograms | Not classified |
| Hazard statements  | Not classified |

### 2.3. Other Hazards

General Hazards Not applicable

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

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|                  |  |
|------------------|--|
| Molecular Weight | 1227.54  |
| Formula          | C <sub>58</sub> H <sub>114</sub> O <sub>26</sub> |

Full text of H- and EUH-phrases: see section 16

## Section 4: FIRST AID MEASURES

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**4.1. Description of first aid measures**

|                |   |
|----------------|---|
| General advice | Consult a physician if necessary.   |
| Inhalation     | Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. |
| Skin Contact   | Wash skin with soap and water.  |
| Eye contact    | Wash with plenty of water.  |
| Ingestion      | Never give anything by mouth to an unconscious person. Clean mouth with water.                              |

**4.2. Most important symptoms and effects, both acute and delayed**

|          |                           |
|----------|---------------------------|
| Symptoms | No information available. |
|----------|---------------------------|

**4.3. Indication of any immediate medical attention and special treatment needed**

|                    |                        |
|--------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|--------------------|------------------------|

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**Section 5: FIRE FIGHTING MEASURES**

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**5.1. Extinguishing media**

|                              |   |
|------------------------------|---|
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|------------------------------|---|

**5.2. Special hazards arising from the substance or mixture**

|  |                           |
|--|---------------------------|
| Specific hazards arising from the chemical | No information available  |
| Hazardous combustion products              | No information available. |

**5.3. Advice for firefighters**

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

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**Section 6: ACCIDENTAL RELEASE MEASURES**

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

|                          |  |
|--------------------------|--|
| Personal precautions     | Ensure adequate ventilation, especially in confined areas. |
| For emergency responders | Use personal protection recommended in Section 8.          |

**6.2. Environmental precautions**

|                           |   |
|---------------------------|---|
| Environmental precautions | See Section 12 for additional Ecological Information. |
|---------------------------|---|

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

|                         |   |
|-------------------------|---|
| Methods for containment | Prevent further leakage or spillage if safe to do so. |
| Methods for cleaning up | Pick up and transfer to properly labeled containers.  |

**6.4. Reference to other sections**

See Section 12: ECOLOGICAL INFORMATION.

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**Section 7: HANDLING AND STORAGE**

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**7.1. Precautions for safe handling**

|                                |  |
|--------------------------------|--|
| Advice on safe handling        | Handle in accordance with good industrial hygiene and safety practice. |
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice. |

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

|                    |   |
|--------------------|---|
| Storage Conditions | Keep container tightly closed in a dry and well-ventilated place. |
|--------------------|---|

**7.3. Specific end use(s)**

|                               |   |
|-------------------------------|---|
| Risk Management Methods (RMM) | The information required is contained in this Material Safety Data Sheet. |
|-------------------------------|---|

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**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**8.1. Control parameters**

|  |   |
|--|---|
| Exposure Limits                          | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. |
| Derived No Effect Level (DNEL)           | No information available  |
| Predicted No Effect Concentration (PNEC) | No information available.   |

**8.2. Exposure controls**

|                                 |   |
|---------------------------------|---|
| Engineering Controls            | Showers<br>Eyewash stations<br>Ventilation systems  |
| Eye/face protection             | Wear safety glasses with side shields (or goggles).   |
| Skin and Body Protection        | Wear protective gloves and protective clothing.   |
| Respiratory protection          | If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| Environmental exposure controls | No information available.   |

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                |                          |
|----------------|--------------------------|
| Physical State | liquid                   |
| Appearance     | No information available |
| Odor           | No information available |

| <u>Property</u>              | <u>Values</u>            |
|------------------------------|--------------------------|
| pH                           | No information available |
| Melting point/freezing point | No information available |
| Boiling point                | No information available |
| Flash point                  | No information available |
| Density                      | No information available |
| Evaporation rate             | No information available |
| Upper flammability limits    | No information available |
| Lower flammability limit     | No information available |
| Vapor pressure               | No information available |
| Vapor density                | No information available |
| Specific gravity             | No information available |
| Water solubility             | No information available |
| Solubility in other solvents | No information available |
| Partition coefficient        | No information available |
| Autoignition temperature     | No information available |
| Decomposition temperature    | No information available |
| Kinematic viscosity          | No information available |
| Explosive properties         | No information available |
| Oxidizing properties         | No information available |

**Section 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

|            |                |
|------------|----------------|
| Reactivity | Not applicable |
|------------|----------------|

**10.2. Chemical stability**

|                                  |  |
|----------------------------------|--|
| Stability                        | Stable under recommended storage conditions. |
| Sensitivity to Mechanical Impact | No information available.                    |
| Sensitivity to Static Discharge  | No information available.                    |

**10.3. Possibility of hazardous reactions**

|                                    |                               |
|------------------------------------|-------------------------------|
| Hazardous polymerization           | No information available.     |
| Possibility of Hazardous Reactions | None under normal processing. |

**10.4. Conditions to avoid**

Conditions to avoid Extremes of temperature and direct sunlight.

**10.5. Incompatible materials**

Incompatible materials Strong oxidizing agents.

**10.6. Hazardous decomposition products**

Hazardous Decomposition Products None known based on information supplied.

**Section 11: TOXICOLOGICAL INFORMATION**

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**11.1. Information on toxicological effects****Acute toxicity**

Product Information Product does not present an acute toxicity hazard based on known or supplied information.  
Unknown acute toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.

**The following values are calculated based on chapter 3.1 of the GHS document**

ATEmix (oral) 36,589.90 mg/kg

**Section 12: ECOLOGICAL INFORMATION**

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**12.1. Toxicity**

Ecotoxicity May cause long lasting harmful effects to aquatic life.  
Unknown aquatic toxicity 100% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

**12.2. Persistence and degradability**

Persistence and degradability No information available.

**12.3. Bioaccumulative potential**

Bioaccumulation No information available.

**12.4. Mobility in soil**

Mobility No information available.

**12.5. Results of PBT and vPvB assessment**

PBT and vPvB assessment No information available.

**12.6. Other adverse effects**

Other adverse effects No information available

**Section 13: DISPOSAL CONSIDERATIONS**

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**13.1. Waste treatment methods**

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.  
Contaminated packaging Do not reuse container.

**Section 14: TRANSPORT INFORMATION**

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|                                  | <u>RID / ADR</u> | <u>IMDG</u>   | <u>ICAO (air) / IATA</u> |
|----------------------------------|------------------|---------------|--------------------------|
|                                  | Not regulated    | Not regulated | Not regulated            |
| 14.1 UN/ID no                    | -                | -             | -                        |
| 14.2 Proper shipping name        | -                | -             | -                        |
| 14.3 Hazard Class                | -                | -             | -                        |
| Subsidiary hazard class / Labels | -                | -             | -                        |
| 14.4 Packing Group               | -                | -             | -                        |
| 14.5 Environmental Hazard        | -                | -             | -                        |
| 14.6 Special Provisions          | -                | -             | -                        |

## Section 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National Regulations

##### European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

#### International Inventories

All of the components in the product are on the following Inventory lists

TSCA (United States): Canada (DSL/NDSL) Europe (EINECS/ELINCS/NLP) Australia (AICS) South Korea (KECL): China (IECSC)  
ENCS (Japan): Philippines (PICCS)

*X - Listed*

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

### 15.2. Chemical safety assessment

Chemical Safety Report                      No information available

## Section 16: OTHER INFORMATION

Revision note

No information available.

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

#### Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

**End of Safety Data Sheet**