

MILLENIUUM NEUTRAL BLUE

1. IDENTIFICATION

Product name : **MILLENIUUM NEUTRAL BLUE**

Product code : **11-12470** Other means of identification : Not available.

Supplier : Wood Wyant
A division of Sani-Marc Group
42, rue de l'Artisan
Victoriaville, Québec
G6P 7E3

Manufacturer : Wood Wyant
A division of Sani-Marc Group
42, rue de l'Artisan
Victoriaville, Québec
G6P 7E3

Identified uses : Industrial applications: Cleaning solutions. Uses advised against : This product is formulated to be diluted. Do not use undiluted. Read product label before using.


Date of issue (YYYY-MM-DD) : 2016-08-25

In case of emergency : Emergency phone: CANUTEC (613) 996-6666 (Collect calls accepted)

2. HAZARDS IDENTIFICATION

Information in this section only concerns the product as supplied. Contact your account manager to get more information on diluted form hazards identification.

Product Classification : SKIN IRRITATION - Category 2
EYE IRRITATION - Category 2A

Signal word : Warning Hazard pictograms : 

Hazard statements : May cause severe eye irritation.
May cause skin irritation.

Precautionary statements

General : Read label before use. Keep out of reach of children.

Prevention : Wash hands thoroughly after handling. Specific protective equipment is suggested for this product. See section 8 for details.

Response : IF ON SKIN: Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical attention. Rinse with water.
IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage : No specific measure needed. See section 7 for more information on handling and storage.

Disposal : No specific measure needed. See section 13 for waste disposal information.

Supplemental label elements : No additional information.

Other hazards which do not result in classification : None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

| Ingredient name | CAS number | % (w/w) |
|---|------------|---------|
| sodium xylenesulphonate | 1300-72-7 | 1 - 5 |
| Citric acid | 77-92-9 | 1 - 5 |
| sodium hydroxide | 1310-73-2 | 1 - 5 |
| 2-Propenoic acid, telomer with sodium sulfite (1:1) | 66019-18-9 | 0 - 1 |

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

Description of required first aid measures

Eye contact In case of contact with eyes, flush with fresh water. Check for and remove any contact lenses. Continue rinsing. If irritation persists, get medical attention.

Skin contact In case of irritation, rinse with water. Get medical attention if irritation persist.

Ingestion Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Inhalation Move victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if adverse health effects persist or are severe. Maintain an open airway.

Most important symptoms/effects, acute and delayed

Eye contact Adverse symptoms may include the following:
pain or irritation
watering
redness

Skin contact Adverse symptoms may include the following:
irritation
redness

Ingestion No specific symptoms under normal use conditions.

Inhalation No specific symptoms under normal use conditions.

Notes to physician Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See toxicological information (Section 11)

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
sulfur oxides
metal oxide/oxides

Special fire-fighting procedures Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------|---|
| Personal precautions | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Initiate spill response procedures if required. |
| Personal protection | Put on appropriate personal protective equipment (see Section 8). |
| Cleaning method | Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use a water rinse for final clean-up. |

7. HANDLING AND STORAGE

| | |
|------------------------------------|---|
| Handling | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Section 8 for additional information on hygiene measures. |
| Storage and Incompatibility | Store in accordance with local regulations. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Keep out of reach of children. Store away from incompatible materials (see Section 10). |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

| Ingredient name | Exposure limits |
|------------------|--|
| sodium hydroxide | CA Alberta Provincial (Canada, 4/2009). Skin sensitizer. C: 2 mg/m ³ CA British Columbia Provincial (Canada, 2/2015). C: 2 mg/m ³ CA Ontario Provincial (Canada, 1/2013). C: 2 mg/m ³ CA Quebec Provincial (Canada, 1/2014). STEV: 2 mg/m ³ 15 minutes. |

Appropriate engineering controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants that could arise from the use of this product.

Individual protection measures

| | |
|----------------------------------|--|
| Eye/face protection | Continued or severe exposures might require to wear a face shield or chemical splash goggles. It is minimally suggested to wear safety glasses while using or handling this product. |
| Hands and Body protection | It is suggested to wear chemical-resistant gloves while using or handling this product. |
| Respiratory protection | No specific protective equipment required under normal use conditions. |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | | | |
|---|-------------------------|----------------------------------|------------------|-------------------------|--|
| Physical state | Liquid. [Limpid liquid] | pH | 11.75 | Flash point | [Product does not sustain combustion.] |
| Color | Blue. | Relative density | 1.025 | Melting point | Not available. |
| Odor | Citrus | Viscosity | Not available. | Boiling point | Not available. |
| Odor threshold | Not available. | Vapor pressure | Not available. | Fire point | : Not available. |
| Solubility in water | : Not available. | Vapor density | : Not available. | Evaporation rate | : Not available. |
| Decomposition temperature | : Not available. | Auto-ignition temperature | : Not available. | | |
| Partition coefficient: n-octanol/ water | : Not available. | Flammability (solid, gas) | : Not available. | | |
| Lower and upper explosive (flammable) limits | : Not available. | | | | |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | No specific test data related to reactivity available for this product or its ingredients. |
| Chemical stability | The product is stable. |
| Incompatible materials | Reactive or incompatible with acids. |
| Conditions to avoid | No specific data. |
| Possibility of hazardous reactions | May cause an exothermic reaction in presence of acids. |
| Hazardous decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

11. TOXICOLOGICAL INFORMATION

| | | |
|--------------------------|--|--|
| Route of exposure | Routes of entry anticipated: Oral, Dermal. Routes of entry not anticipated: Inhalation. | |
| | <u>Potential acute health effects</u> | <u>Symptoms</u> |
| Eye contact | cause eye irritation | Adverse symptoms may include the following: pain or irritation watering redness |
| Skin contact | May cause skin irritation. | Adverse symptoms may include the following: irritation redness |
| Ingestion | No known significant effects or critical hazards. | No specific symptoms under normal use conditions. |
| Inhalation | No known significant effects or critical hazards. | No specific symptoms under normal use conditions. |

Toxicity data

| Product/ingredient name | Result | Species | Dose | Exposure |
|---|-------------|---------|-------------|----------|
| sodium xylenesulphonate citric acid | LD50 Dermal | Rabbit | 20800 mg/kg | - |
| | LD50 Dermal | Rat | 2000 mg/kg | - |
| | LD50 Oral | Mouse | 5040 mg/kg | - |
| | LD50 Oral | Rat | 3 g/kg | - |
| | LD50 Oral | Rat | 11700 mg/kg | - |
| 2-Propenoic acid, telomer with sodium sulfite (1:1) | LD50 Dermal | Rabbit | 5000 mg/kg | - |
| | LD50 Oral | Rat | 5000 mg/kg | - |

Information on toxicological effects

| | |
|------------------------------|---|
| Mutagenicity | No known significant effects or critical hazards. |
| Teratogenicity | No known significant effects or critical hazards. |
| Developmental effects | No known significant effects or critical hazards. |
| Fertility effects | No known significant effects or critical hazards. |
| Sensitization | Not available. |
| Carcinogenicity | No known significant effects or critical hazards. |

12. ECOLOGICAL INFORMATION

Ecotoxicity data

| Product/ingredient name | Result | Species | Exposure |
|-------------------------|-------------------------------------|--|----------|
| Citric acid | Acute LC50 160000 µg/l Marine water | Crustaceans - Carcinus maenas - Adult | 48 hours |
| | Acute LC50 440 mg/l | Fish | 96 hours |
| sodium hydroxide | Acute EC50 40.38 mg/l Fresh water | Crustaceans - Ceriodaphnia dubia - Neonate | 48 hours |
| | Acute LC50 125 ppm Fresh water | Fish - Gambusia affinis - Adult | 96 hours |

Persistence and degradability : Unknown **Bioaccumulative potential** : Unknown **Mobility in soil** : Unknown **Other adverse effects** : Unknown

13. DISPOSAL CONSIDERATIONS

Disposal methods Dispose content and container in accordance with local, regional and national regulation in force.

14. TRANSPORT INFORMATION

| | UN number | UN proper shipping name | Transport hazard class (es) | Packing group | TDG Placard |
|--|----------------|-------------------------|-----------------------------|---------------|-------------|
| TDG Classification | Not regulated. | - | - | - | |
| Additional information See shipping documents for specific information on DOT, IMDG or IATA | | | | | |

15. REGULATORY INFORMATION

Canadian lists

Canadian NPRI None of the components are listed.

CEPA Toxic substances None of the components are listed.

Canada inventory All components are listed or exempted.

International lists

United States Not determined.

16. OTHER INFORMATION

Hazardous Material Information System (U.S.A.)

| | | | | | |
|---------------------|--|--|--|--|---|
| Health Hazard | | | | | 1 |
| Fire Hazard | | | | | 0 |
| Reactivity | | | | | 0 |
| Personal Protection | | | | | B |

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