

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 Product name : CW91 - LOW PH WHEEL & RIM CLEANER  
 Product code : CW91

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

Use of the substance/mixture : Industrial and Institutional Wheel Cleaner

#### 1.3. Supplier

Sky Blue Chemical  
 760 W. Exchange Road  
 Ogden, Utah 84401 - USA  
 T (800) 998-2808  
[www.skybluechemical.com](http://www.skybluechemical.com)

#### 1.4. Emergency telephone number

Emergency number : Chemtrec 1-800-424-9300

### SECTION 2: Hazard(s) identification

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

##### GHS US classification

Skin Corr. 1 H314 Causes severe skin burns and eye damage  
 Skin Sens. 1 H317 May cause an allergic skin reaction  
 Aquatic Acute 2 H401 Toxic to aquatic life  
 Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects

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

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

##### GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H314 - Causes severe skin burns and eye damage  
 H317 - May cause an allergic skin reaction  
 H401 - Toxic to aquatic life  
 H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS US) :

P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P272 - Contaminated work clothing must not be allowed out of the workplace.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.  
 P302+P352 - If on skin: Wash with plenty of water.  
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 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).  
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P363 - Wash contaminated clothing before reuse.  
 P391 - Collect spillage.  
 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.

# CW91 - LOW PH WHEEL & RIM CLEANER

## Safety Data Sheet

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

### 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   |
|------------------------|----------------------|--------|---|
| Sodium xylenesulfonate | (CAS-No.) 1300-72-7  | 5 – 10 | Skin Irrit. 2, H315<br>Eye Irrit. 2B, H320<br>STOT SE 3, H335   |
| butyl glycoether       | (CAS-No.) 111-76-2   | 5 – 10 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2B, H320 |
| Methanesulfonic acid   | (CAS-No.) 75-75-2    | 5 – 10 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Corr. 1, H314  |
| UNDECETH-5             | (CAS-No.) 34398-01-1 | 5 – 10 | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319  |
| d-Limonene             | (CAS-No.) 5989-27-5  | 3 – 5  | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410   |
| Citric acid            | (CAS-No.) 77-92-9    | 1 – 3  | Skin Corr. 1, H314<br>Eye Irrit. 2A, H319   |

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 general : Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Call a physician immediately.
- First-aid measures after eye contact : 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 : Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

- Symptoms/effects after skin contact : Irritation. Burns. May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Serious damage to eyes.
- Symptoms/effects after ingestion : Burns.

### 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 : All extinguishing media allowed. Adapt extinguishing media to the environment. Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

- Fire hazard : Not flammable.
- 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 : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

# CW91 - LOW PH WHEEL & RIM CLEANER

## Safety Data Sheet

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

### 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, eyes and clothing. Use personal protective equipment (PPE). Do not breathe dust/fume/gas/mist/vapors/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. See Section 12 for additional Ecological information.

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

For containment : Collect spillage.

Methods for cleaning up : Take up liquid spill into absorbent material. Neutralize spill with quicklime or soda ash. Take up liquid spill into inert absorbent material. Scoop absorbed substance into closing containers. Store away from other materials.

Other information : Dispose of contents/container to {0|message=<specify in accordance with local/regional/national/international regulations>|default=hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation|filter=^(\_)DISPOSAL\_+}. Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapors/spray.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace.

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

Storage conditions : Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store in a well-ventilated place. Keep cool. Store locked up.

Incompatible products : Strong bases.

Incompatible materials : Metals.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### CW91 - LOW PH WHEEL & RIM CLEANER

No additional information available

##### d-Limonene (5989-27-5)

No additional information available

##### Citric acid (77-92-9)

No additional information available

##### UNDECETH-5 (34398-01-1)

No additional information available

##### butyl glycolether (111-76-2)

##### USA - ACGIH - Occupational Exposure Limits

|            |                        |
|------------|------------------------|
| Local name | 2-Butoxyethanol (EGBE) |
|------------|------------------------|

|                 |        |
|-----------------|--------|
| ACGIH TWA (ppm) | 20 ppm |
|-----------------|--------|

|                |               |
|----------------|---------------|
| Remark (ACGIH) | Eye & URT irr |
|----------------|---------------|

##### USA - OSHA - Occupational Exposure Limits

|            |                 |
|------------|-----------------|
| Local name | 2-Butoxyethanol |
|------------|-----------------|

# CW91 - LOW PH WHEEL & RIM CLEANER

## Safety Data Sheet

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

|   |                       |
|---|-----------------------|
| OSHA PEL (TWA) (mg/m <sup>3</sup> )       | 240 mg/m <sup>3</sup> |
| OSHA PEL (TWA) (ppm)                      | 50 ppm                |
| <b>Sodium xylenesulfonate (1300-72-7)</b> |                       |
| No additional information available       |                       |
| <b>Methanesulfonic acid (75-75-2)</b>     |                       |
| No additional information available       |                       |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

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

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):



## SECTION 9: Physical and chemical properties

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

Physical state : Liquid  
Appearance : Clear, colourless to light amber liquid.  
Color : Colourless to light amber  
Odor : Citrus  
Odor threshold : No data available  
pH : > 3  
Melting point : Not applicable  
Freezing point : No data available  
Boiling point : No data available  
Flash point : > 212 °F  
Relative evaporation rate (butyl acetate=1) : No data available  
Flammability (solid, gas) : Not applicable.  
Vapor pressure : No data available  
Relative vapor density at 20 °C : No data available  
Relative density : 1.04  
Density : 8.66 lb/gal  
Solubility : Soluble in water.  
Partition coefficient n-octanol/water (Log Pow) : No data available  
Auto-ignition temperature : No data available  
Decomposition temperature : No data available  
Viscosity, kinematic : No data available

# CW91 - LOW PH WHEEL & RIM CLEANER

## Safety Data Sheet

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

|                      |                     |
|----------------------|---------------------|
| Viscosity, dynamic   | : No data available |
| Explosion limits     | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

### 9.2. Other information

VOC content : 6.7 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

May be corrosive to metals.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Prolonged contact with common metals produces flammable hydrogen gas.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong bases. May be corrosive to metals.

### 10.6. Hazardous decomposition products

Thermal decomposition generates : Corrosive vapors. Oxides of product.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| <b>d-Limonene (5989-27-5)</b>             |  |
|---|--|
| LD50 oral rat                             | > 2000 mg/kg body weight (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral)   |
| LD50 dermal rabbit                        | > 5000 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Read-across, Dermal)  |
| <b>Citric acid (77-92-9)</b>              |  |
| LD50 dermal rat                           | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))  |
| <b>UNDECETH-5 (34398-01-1)</b>            |  |
| LD50 oral rat                             | > 1400 mg/kg   |
| LD50 dermal rabbit                        | > 2000 mg/kg   |
| <b>butyl glycoether (111-76-2)</b>        |  |
| LD50 oral rat                             | 1746 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male, Experimental value, Oral, 14 day(s))   |
| LD50 dermal rat                           | > 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)  |
| LD50 dermal rabbit                        | 435 mg/kg body weight (Rabbit; Experimental value; OECD 402: Acute Dermal Toxicity; 435 mg/kg bodyweight; Rabbit; Weight of evidence; Equivalent or similar to OECD 402) |
| LC50 Inhalation - Rat                     | > 4.26 mg/l (4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))   |
| <b>Sodium xylenesulfonate (1300-72-7)</b> |  |
| LD50 oral rat                             | > 7000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))  |
| LD50 dermal rabbit                        | > 2000 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Experimental value, Dermal, 14 day(s))  |
| LC50 Inhalation - Rat                     | > 6.41 mg/l (Equivalent or similar to OECD 403, 232 minutes, Rat, Male / female, Experimental value, Inhalation (aerosol), 14 day(s))                                    |
| <b>Methanesulfonic acid (75-75-2)</b>     |  |
| LD50 oral rat                             | 649 mg/kg  |

# CW91 - LOW PH WHEEL & RIM CLEANER

## Safety Data Sheet

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

| <b>Methanesulfonic acid (75-75-2)</b> |                   |
|---------------------------------------|-------------------|
| LD50 dermal rabbit                    | 1000 – 2000 mg/kg |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Causes severe skin burns.<br>pH: > 3           |
| Serious eye damage/irritation     | : Assumed to cause serious eye damage<br>pH: > 3 |
| Respiratory or skin sensitization | : May cause an allergic skin reaction.           |
| Germ cell mutagenicity            | : Not classified                                 |
| Carcinogenicity                   | : Not classified                                 |

| <b>butyl glycolether (111-76-2)</b> |                      |
|-------------------------------------|----------------------|
| IARC group                          | 3 - Not classifiable |

|                       |                  |
|-----------------------|------------------|
| Reproductive toxicity | : Not classified |
| STOT-single exposure  | : Not classified |

| <b>Sodium xylenesulfonate (1300-72-7)</b> |                                   |
|---|-----------------------------------|
| STOT-single exposure                      | May cause respiratory irritation. |

|                                     |   |
|-------------------------------------|---|
| STOT-repeated exposure              | : Not classified  |
| Aspiration hazard                   | : Not classified  |
| Viscosity, kinematic                | : No data available                                       |
| Symptoms/effects after skin contact | : Irritation. Burns. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact  | : Serious damage to eyes.                                 |
| Symptoms/effects after ingestion    | : Burns.  |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                   |   |
|-------------------|---|
| Ecology - general | : Harmful to aquatic life with long lasting effects. Harmful to aquatic life. Toxic to aquatic life. Toxic to aquatic life with long lasting effects. |
|-------------------|---|

| <b>d-Limonene (5989-27-5)</b> |  |
|-------------------------------|--|
| LC50 fish 1                   | 720 µg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)                  |
| EC50 Daphnia 1                | 0.307 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, GLP)    |
| ErC50 (algae)                 | 0.32 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) |

| <b>Citric acid (77-92-9)</b> |   |
|------------------------------|---|
| LC50 fish 1                  | 440 – 760 mg/l (Equivalent or similar to OECD 203, 48 h, Leuciscus idus, Static system, Fresh water, Experimental value, Nominal concentration) |

| <b>UNDECETH-5 (34398-01-1)</b> |                             |
|--------------------------------|-----------------------------|
| LC50 fish 1                    | 1 – 10 mg/l (96 hr.)        |
| EC50 Daphnia 1                 | 1 – 10 mg/l (48 hr.)        |
| EC50 other aquatic organisms 1 | 1 – 10 mg/l (96 hr.)(Algae) |

| <b>butyl glycolether (111-76-2)</b> |  |
|-------------------------------------|--|
| LC50 fish 1                         | 1474 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Lethal)                 |
| EC50 Daphnia 1                      | 1550 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect) |
| ErC50 (algae)                       | 911 mg/l (72 Hr.)  |

# CW91 - LOW PH WHEEL & RIM CLEANER

## Safety Data Sheet

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

| <b>Sodium xylenesulfonate (1300-72-7)</b> |   |
|---|---|
| LC50 fish 1                               | > 1000 mg/l (EPA OTS 797.1400, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value) |
| EC50 Daphnia 1                            | > 1000 mg/l (EPA OTS 797.1300, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)       |

### 12.2. Persistence and degradability

| <b>d-Limonene (5989-27-5)</b> |                                    |
|-------------------------------|------------------------------------|
| Persistence and degradability | Readily biodegradable in water.    |
| ThOD                          | 3.29 g O <sub>2</sub> /g substance |

| <b>Citric acid (77-92-9)</b>    |  |
|---------------------------------|--|
| Persistence and degradability   | Biodegradable in the soil. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 0.42 g O <sub>2</sub> /g substance                         |
| Chemical oxygen demand (COD)    | 0.728 g O <sub>2</sub> /g substance                        |
| ThOD                            | 0.686 g O <sub>2</sub> /g substance                        |

| <b>butyl glycoether (111-76-2)</b> |   |
|------------------------------------|---|
| Persistence and degradability      | Readily biodegradable in water. Biodegradable in the soil. Photodegradation in the air. |
| Biochemical oxygen demand (BOD)    | 0.71 g O <sub>2</sub> /g substance  |
| Chemical oxygen demand (COD)       | 2.2 g O <sub>2</sub> /g substance   |
| ThOD                               | 2.305 g O <sub>2</sub> /g substance   |
| BOD (% of ThOD)                    | 0.31  |

| <b>Sodium xylenesulfonate (1300-72-7)</b> |                                 |
|---|---------------------------------|
| Persistence and degradability             | Readily biodegradable in water. |

| <b>Methanesulfonic acid (75-75-2)</b> |                                 |
|---------------------------------------|---------------------------------|
| Persistence and degradability         | Readily biodegradable in water. |

### 12.3. Bioaccumulative potential

| <b>d-Limonene (5989-27-5)</b>                   |   |
|---|---|
| BCF fish 1                                      | 864.8 l/kg (BCFBAF v3.01, Pisces, QSAR, Fresh weight)               |
| Partition coefficient n-octanol/water (Log Pow) | 4.38 (Experimental value, Equivalent or similar to OECD 117, 37 °C) |
| Bioaccumulative potential                       | Not established.  |

| <b>Citric acid (77-92-9)</b>                    |                                   |
|---|-----------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | -1.8 – -1.55 (Experimental value) |
| Bioaccumulative potential                       | Not bioaccumulative.              |

| <b>butyl glycoether (111-76-2)</b>              |  |
|---|--|
| Partition coefficient n-octanol/water (Log Pow) | 0.81 (Experimental value; BASF test; 25 °C)      |
| Bioaccumulative potential                       | Low potential for bioaccumulation (Log Kow < 4). |

| <b>Sodium xylenesulfonate (1300-72-7)</b>       |   |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | -3.12 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C) |
| Bioaccumulative potential                       | Not bioaccumulative.  |

| <b>Methanesulfonic acid (75-75-2)</b>           |                      |
|---|----------------------|
| Partition coefficient n-octanol/water (Log Pow) | -1.22                |
| Bioaccumulative potential                       | Not bioaccumulative. |

### 12.4. Mobility in soil

| <b>d-Limonene (5989-27-5)</b> |                                     |
|-------------------------------|-------------------------------------|
| Ecology - soil                | Low potential for mobility in soil. |

| <b>Citric acid (77-92-9)</b>                    |  |
|---|--|
| Surface tension                                 | No data available in the literature              |
| Partition coefficient n-octanol/water (Log Koc) | 1 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil                                  | Highly mobile in soil.                           |

# CW91 - LOW PH WHEEL & RIM CLEANER

## Safety Data Sheet

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

| <b>butyl glycoether (111-76-2)</b>              |  |
|---|--|
| Surface tension                                 | 0.027 N/m (25 °C)  |
| Partition coefficient n-octanol/water (Log Koc) | 0.451 – 0.882 (log Koc, SRC PCKOCWIN v2.0, Calculated value) |
| Ecology - soil                                  | Highly mobile in soil.                                       |
| <b>Sodium xylenesulfonate (1300-72-7)</b>       |  |
| Surface tension                                 | 71 mN/m (20 °C, 90 %, EU Method A.5: Surface tension)        |
| Partition coefficient n-octanol/water (Log Koc) | 1.42 (log Koc, SRC PCKOCWIN v2.0, Calculated value)          |
| Ecology - soil                                  | Highly mobile in soil.                                       |

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

- Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
- Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## SECTION 14: Transport information

### Department of Transportation (DOT)

In accordance with DOT

Not applicable

### Transportation of Dangerous Goods

Not applicable

### Transport by sea

Not applicable

### Air transport

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

All components of this product are listed as Active, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

|                       |                      |          |
|-----------------------|----------------------|----------|
| Acrylic polymer       | CAS-No. Trade Secret | 0.1 – 1% |
| Amphoteric surfactant | CAS-No. Trade Secret | 0.1 – 1% |

Contains chemical(s) subject to TSCA 12b export notification if product is shipped outside the U.S

|              |                 |        |
|--------------|-----------------|--------|
| Acetaldehyde | CAS-No. 75-07-0 | < 0.1% |
|--------------|-----------------|--------|

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

|                 |                  |        |
|-----------------|------------------|--------|
| 1,4-dioxane     | CAS-No. 123-91-1 | < 0.1% |
| Ethylene oxide  | CAS-No. 75-21-8  | < 0.1% |
| Methyl alcohol  | CAS-No. 67-56-1  | < 0.1% |
| Acetaldehyde    | CAS-No. 75-07-0  | < 0.1% |
| ethylene glycol | CAS-No. 107-21-1 | < 0.1% |

### 1,4-dioxane (123-91-1)

|  |        |
|--|--------|
| Listed on EPA Hazardous Air Pollutant (HAPS) |        |
| CERCLA RQ                                    | 100 lb |



# CW91 - LOW PH WHEEL & RIM CLEANER

## Safety Data Sheet

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

|  |   |
|--|---|
| <b>Ethylene oxide (75-21-8)</b>                              |   |
| Listed on EPA Hazardous Air Pollutant (HAPS)                 |   |
| CERCLA RQ  | 10 lb   |
| RQ (Reportable quantity, section 304 of EPA's List of Lists) | 10 lb   |
| SARA Section 302 Threshold Planning Quantity (TPQ)           | 1000 lb   |
| <b>Methyl alcohol (67-56-1)</b>                              |   |
| Listed on EPA Hazardous Air Pollutant (HAPS)                 |   |
| CERCLA RQ  | 5000 lb   |
| <b>UNDECETH-5 (34398-01-1)</b>                               |   |
| EPA TSCA Regulatory Flag                                     | N - N - indicates a polymeric substance containing no free-radical initiator in its Inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.<br>P - P - indicates a commenced Premanufacture Notice (PMN) substance.<br>XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711). |
| SARA Section 311/312 Hazard Classes                          | Immediate (acute) health hazard   |
| <b>Acetaldehyde (75-07-0)</b>                                |   |
| Listed on EPA Hazardous Air Pollutant (HAPS)                 |   |
| CERCLA RQ  | 1000 lb   |
| <b>butyl glycoether (111-76-2)</b>                           |   |
| SARA Section 311/312 Hazard Classes                          | Fire hazard<br>Immediate (acute) health hazard<br>Delayed (chronic) health hazard   |
| <b>ethylene glycol (107-21-1)</b>                            |   |
| Listed on EPA Hazardous Air Pollutant (HAPS)                 |   |
| CERCLA RQ  | 5000 lb   |

### 15.2. International regulations

|   |  |
|---|--|
| <b>1,4-dioxane (123-91-1)</b>   |  |
| Listed on IARC (International Agency for Research on Cancer)<br>Listed as carcinogen on NTP (National Toxicology Program) |  |
| <b>Ethylene oxide (75-21-8)</b>   |  |
| Listed on IARC (International Agency for Research on Cancer)<br>Listed as carcinogen on NTP (National Toxicology Program) |  |
| <b>Acetaldehyde (75-07-0)</b>   |  |
| Listed as carcinogen on NTP (National Toxicology Program)   |  |

### 15.3. US State regulations

**⚠ WARNING:** This product can expose you to Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Component               | State or local regulations  |
|-------------------------|---|
| 1,4-dioxane(123-91-1)   | U.S. - New Jersey - Right to Know Hazardous Substance List  |
| Ethylene oxide(75-21-8) | U.S. - New Jersey - Right to Know Hazardous Substance List  |
| Methyl alcohol(67-56-1) | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List   |
| Acetaldehyde(75-07-0)   | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |

# CW91 - LOW PH WHEEL & RIM CLEANER

## Safety Data Sheet

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

| Component                     | State or local regulations  |
|-------------------------------|---|
| Glycerol(56-81-5)             | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List  |
| butyl glycoether(111-76-2)    | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |
| ethylene glycol(107-21-1)     | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |
| Sodium sulfate(7757-82-6)     | U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) List   |
| Methanesulfonic acid(75-75-2) | U.S. - New Jersey - Right to Know Hazardous Substance List  |

### SECTION 16: Other information

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

Full text of H-phrases:

|                           |  |
|---------------------------|--|
| Acute Tox. 3 (Dermal)     | Acute toxicity (dermal) Category 3   |
| Acute Tox. 4 (Dermal)     | Acute toxicity (dermal) Category 4   |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhalation) Category 4   |
| Acute Tox. 4 (Oral)       | Acute toxicity (oral) Category 4   |
| Aquatic Acute 1           | Hazardous to the aquatic environment - Acute Hazard Category 1                             |
| Aquatic Acute 2           | Hazardous to the aquatic environment - Acute Hazard Category 2                             |
| Aquatic Chronic 1         | Hazardous to the aquatic environment - Chronic Hazard Category 1                           |
| Aquatic Chronic 2         | Hazardous to the aquatic environment - Chronic Hazard Category 2                           |
| Eye Irrit. 2A             | Serious eye damage/eye irritation Category 2A  |
| Eye Irrit. 2B             | Serious eye damage/eye irritation Category 2B  |
| Flam. Liq. 3              | Flammable liquids Category 3   |
| Flam. Liq. 4              | Flammable liquids Category 4   |
| Skin Corr. 1              | Skin corrosion/irritation Category 1   |
| Skin Irrit. 2             | Skin corrosion/irritation Category 2   |
| Skin Sens. 1              | Skin sensitization, Category 1   |
| STOT SE 3                 | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |
| H314                      | Causes severe skin burns and eye damage  |
| H317                      | May cause an allergic skin reaction  |
| H401                      | Toxic to aquatic life  |
| H411                      | Toxic to aquatic life with long lasting effects  |

SDS US (GHS HazCom 2012)

*The information provided on this document 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.*