

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

### SECTION 1: Identification

#### 1.1 Product identifier

Trade name

**Jax Wax Micro Renew**

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

Relevant identified uses

micro fiber detergent

Uses advised against

do not use for squirting or spraying  
do not use for products which come into direct contact with the skin

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

Jax Wax  
3150 Lamb Ave  
Columbus, OH 43219  
614-961-9612

#### 1.4 Emergency telephone number

Emergency information service

**USA 1.800.535.5053, INTL 1.352.323.3500**  
24 hour emergency telephone number.

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

| Annex | - | Hazard class and category         | -       | Hazard statement code(s) |      |
|-------|---|-----------------------------------|---------|--------------------------|------|
| A.2   |   | skin corrosion/irritation         | Cat. 1A | (Skin Corr. 1A)          | H314 |
| A.3   |   | serious eye damage/eye irritation | Cat. 1  | (Eye Dam. 1)             | H318 |
| A.6   |   | carcinogenicity                   | Cat. 2  | (Carc. 2)                | H351 |

#### Remarks

For full text of H-phrases: see SECTION 16.

#### The most important adverse physicochemical, human health and environmental effects

Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis.

#### 2.2 Label elements

**Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

**Signal word** danger

#### Pictograms

GHS05, GHS08



#### Hazard statements

H314 Causes severe skin burns and eye damage.  
H351 Suspected of causing cancer.

#### Precautionary statements

##### Precautionary statements - prevention

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash thoroughly after handling.  
Wear protective gloves/eye protection/face protection.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

### Precautionary statements - response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER/doctor.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

### Precautionary statements - storage

Store locked up.

### Precautionary statements - disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

### Hazardous ingredients for labelling

trisodium nitrilotriacetate, sodium metasilicate, anhydrous

### 2.3 Other hazards

There is no additional information.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

not relevant (mixture)

### 3.2 Mixtures

#### Description of the mixture

| Name of substance              | Identifier           | Wt%      | Hazard class and category |               | Hazard statement |
|--------------------------------|----------------------|----------|---------------------------|---------------|------------------|
| trisodium nitrilotriacetate    | CAS No<br>18662-53-8 | 5 - < 10 | A.10                      | Acute Tox. 4  | H302             |
|                                |                      |          | A.3                       | Eye Irrit. 2A | H319             |
|                                |                      |          | A.6                       | Carc. 2       | H351             |
| sodium metasilicate, anhydrous | CAS No<br>6834-92-0  | 1 - < 5  | A.10                      | Acute Tox. 4  | H302             |
|                                |                      |          | A.2                       | Skin Corr. 1B | H314             |
|                                |                      |          | A.8R                      | STOT SE 3     | H335             |

For full text of abbreviations: see SECTION 16. Exact percentage of ingredients is withheld as a trade secret.

## SECTION 4: First-aid measures

### 4.1

#### General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

### Following inhalation

In case of respiratory tract irritation, consult a physician. Provide fresh air.

### Following skin contact

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.

### Following eye contact

Irrigate copiously with clean, fresh water, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing.

### Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

## SECTION 5: Fire-fighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing media

water jet

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

#### Hazardous combustion products

nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Remove persons to safety.

#### For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

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

#### Advices on how to contain a spill

Covering of drains.

#### Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

#### Appropriate containment techniques

Use of adsorbent materials.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

### Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

### 6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal precautions: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Recommendations

#### Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas. Never add water to this product.

#### Handling of incompatible substances or mixtures

Do not mix with acids.

#### Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

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

#### Managing of associated risks

#### Incompatible substances or mixtures

Observe compatible storage of chemicals.

#### Control of the effects

Protect against external exposure, such as frost

#### Consideration of other advice

#### Packaging compatibilities

Only packagings which are approved (e.g. acc. to DOT) may be used.

### 7.3 Specific end use(s)

See section 16 for a general overview.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### National limit values

#### Occupational exposure limit values (Workplace Exposure Limits)

No information available.

#### Relevant DNELs/DMELs/PNECs and other threshold levels

No data available.

### 8.2 Exposure controls

#### Appropriate engineering controls

General ventilation.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

### Individual protection measures (personal protective equipment)

#### Eye/face protection

Wear eye/face protection.

#### Skin protection

##### • hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### • other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

#### Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                |           |
|----------------|-----------|
| Physical state | liquid    |
| Color          | colorless |
| Odor           | fresh     |

#### Other physical and chemical parameters

|   |                                   |
|---|-----------------------------------|
| pH (value)                              | 13.3 (25 °C) (base)               |
| Melting point/freezing point            | not determined                    |
| Initial boiling point and boiling range | 100 °C                            |
| Flash point                             | not determined<br>(closed cup)    |
| Evaporation rate                        | not determined                    |
| Flammability (solid, gas)               | not relevant (fluid)              |
| Explosive limits                        | not determined                    |
| Vapor pressure                          | 31.69 hPa at 25 °C                |
| Density                                 | 0.99 - 1.01 g/cm <sup>3</sup>     |
| Solubility(ies)                         |                                   |
| Water solubility                        | miscible in any proportion        |
| Partition coefficient                   |                                   |
| n-octanol/water (log KOW)               | this information is not available |
| Auto-ignition temperature               | >200 °C                           |
| Viscosity                               | not determined                    |
| Explosive properties                    | none                              |
| Oxidizing properties                    | none                              |

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

#### 10.2 Chemical stability

See below "Conditions to avoid".

#### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

#### 10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

#### Physical stresses which might result in a hazardous situation and have to be avoided

strong shocks

#### 10.5 Incompatible materials

There is no additional information.

#### Release of flammable materials with

light metals (due to the release of hydrogen in an acid/alkaline medium)

#### 10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Test data are not available for the complete mixture.

#### Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

#### Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

#### Acute toxicity

Shall not be classified as acutely toxic.

#### Acute toxicity of components of the mixture

| Name of substance              | CAS No     | Exposure route | ATE         |
|--------------------------------|------------|----------------|-------------|
| trisodium nitrilotriacetate    | 18662-53-8 | oral           | 1,740 mg/kg |
| sodium metasilicate, anhydrous | 6834-92-0  | oral           | 1,280 mg/kg |

#### Skin corrosion/irritation

Causes severe skin burns and eye damage.

#### Serious eye damage/eye irritation

Causes serious eye damage.

#### Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

### Summary of evaluation of the CMR properties

Suspected of causing cancer.  
Shall not be classified as germ cell mutagenic.  
Shall not be classified as a reproductive toxicant.

#### Carcinogenicity

- National Toxicology Program (United States): none of the ingredients are listed
- IARC Monographs

| Name of substance           | Name acc. to inventory       | CAS No | wt%   | Classification | Remarks | Number    |
|-----------------------------|------------------------------|--------|-------|----------------|---------|-----------|
| trisodium nitrilotriacetate | Nitrilotriacetic acid, salts |        | 9.814 | 2B             |         | Volume 73 |

#### Legend

2B Possibly carcinogenic to humans.

### Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant.

### Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

## SECTION 12: Ecological information

### 12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

#### Aquatic toxicity (acute)

Shall not be classified as hazardous to the aquatic environment.

#### Aquatic toxicity (acute) of components of the mixture

| Name of substance           | CAS No     | Endpoint | Value      | Species               | Exposure time |
|-----------------------------|------------|----------|------------|-----------------------|---------------|
| trisodium nitrilotriacetate | 18662-53-8 | LC50     | 114 mg/l   | fish                  | 96 h          |
| trisodium nitrilotriacetate | 18662-53-8 | EC50     | 98 mg/l    | aquatic invertebrates | 96 h          |
| trisodium nitrilotriacetate | 18662-53-8 | ErC50    | >91.5 mg/l | algae                 | 72 h          |

#### Biodegradation

The relevant substances of the mixture are readily biodegradable.

### 12.2 Persistence and degradability

#### Degradability of components of the mixture

| Name of substance           | CAS No     | Process     | Degradation rate | Time |
|-----------------------------|------------|-------------|------------------|------|
| trisodium nitrilotriacetate | 18662-53-8 | DOC removal | 50 %             | 9 d  |

### 12.3 Bioaccumulative potential

Data are not available.

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

### Bioaccumulative potential of components of the mixture

| Name of substance           | CAS No     | BCF | Log KOW | BOD5/COD |
|-----------------------------|------------|-----|---------|----------|
| trisodium nitrilotriacetate | 18662-53-8 |     | -10.08  |          |

#### 12.4 Mobility in soil

Data are not available.

#### 12.5 Results of PBT and vPvB assessment

Data are not available.

#### 12.6 Other adverse effects

Data are not available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

##### Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

##### Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

### SECTION 14: Transport information

- |      |  |  |
|------|--|--|
| 14.1 | UN number  | 1760   |
| 14.2 | UN proper shipping name  | <b>Corrosive liquid, n.o.s.</b>  |
|      | <b>Technical name (hazardous constituents)</b>                     | sodium metasilicate, anhydrous   |
| 14.3 | Transport hazard class(es)   |  |
|      | Class  | 8 (corrosive substances)   |
| 14.4 | Packing group  | II (substance presenting medium danger)                                      |
| 14.5 | Environmental hazards  | none (non-environmentally hazardous acc. to the dangerous goods regulations) |
| 14.6 | Special precautions for user                                       |  |
|      | There is no additional information.                                |  |
| 14.7 | Transport in bulk according to Annex II of MARPOL and the IBC Code |  |
|      | The cargo is not intended to be carried in bulk.                   |  |

#### Information for each of the UN Model Regulations

##### • Transport of dangerous goods by road or rail (49 CFR US DOT)

|                      |                          |
|----------------------|--------------------------|
| Index number         | 1760                     |
| Proper shipping name | Corrosive liquid, n.o.s. |
| Class                | 8                        |
| Packing group        | II                       |
| Danger label(s)      | 8                        |



# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03



|   |                          |
|---|--------------------------|
| Special provisions (SP)                                     | B2, IB2, T11, TP2, TP27  |
| ERG No  | 154                      |
| <b>• International Maritime Dangerous Goods Code (IMDG)</b> |                          |
| UN number   | 1760                     |
| Proper shipping name  | CORROSIVE LIQUID, N.O.S. |
| Class   | 8                        |
| Packing group   | II                       |
| Danger label(s)   | 8                        |



|  |                          |
|--|--------------------------|
| Special provisions (SP)  | 274                      |
| Excepted quantities (EQ)   | E2                       |
| Limited quantities (LQ)  | 1 L                      |
| EmS  | F-A, S-B                 |
| Stowage category   | B                        |
| <b>• International Civil Aviation Organization (ICAO-IATA/DGR)</b> |                          |
| UN number  | 1760                     |
| Proper shipping name   | Corrosive liquid, n.o.s. |
| Class  | 8                        |
| Packing group  | II                       |
| Danger label(s)  | 8                        |



|                          |         |
|--------------------------|---------|
| Special provisions (SP)  | A3, 274 |
| Excepted quantities (EQ) | E2      |
| Limited quantities (LQ)  | 0.5 L   |

### SECTION 15: Regulatory information

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

##### National regulations (United States)

##### Toxic Substance Control Act (TSCA)

all ingredients are listed or exempt from listing

##### SARA TITLE III (Superfund Amendment and Reauthorization Act)

List of Extremely Hazardous Substances (40 CFR 355) (EPCRA Section 302 and 304) none of the ingredients are listed

Specific Toxic Chemical Listings (40 CFR 372) (EPCRA Section 313) none of the ingredients are listed

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

### Industry or sector specific available guidance(s)

#### NPCA-HMIS® III

Hazardous Materials Identification System (American Coatings Association)

| Category                      | Rating | Description   |
|-------------------------------|--------|---|
| Chronic                       | *      | Chronic (long-term) health effects may result from repeated overexposure.   |
| Health                        | 3      | Major injury likely unless prompt action is taken and medical treatment is given.   |
| Flammability                  | 2      | Material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.                                       |
| Physical hazard               | 0      | Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive. |
| Personal protective equipment | -      |   |

#### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)

| Category       | Degree of hazard | Description   |
|----------------|------------------|---|
| Flammability   | 2                | Material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur. |
| Health         | 3                | Material that, under emergency conditions, can cause serious or permanent injury.                                     |
| Instability    | 0                | Material that is normally stable, even under fire conditions.   |
| Special hazard |                  |   |

#### Right to Know Hazardous Substance List

none of the ingredients are listed

#### Proposition 65 List of chemicals

| Name of substance           | CAS No     | Remarks | Type of the toxicity |
|-----------------------------|------------|---------|----------------------|
| trisodium nitrilotriacetate | 18662-53-8 |         | cancer               |

### Relevant European Union (EU) safety, health and environmental provisions

#### Classification according to GHS (1272/2008/EC, CLP)

##### Hazard class

skin corrosion/irritation  
carcinogenicity

##### Category Hazard class and category

1B (Skin Corr. 1B)  
2 (Carc. 2)

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

### SECTION 16: Other information, including date of preparation or last revision

#### 16.2 Abbreviations and acronyms

| Abbr.           | Descriptions of used abbreviations  |
|-----------------|---|
| 49 CFR US DOT   | 49 CFR § 40 U.S. Department of Transportation   |
| Acute Tox.      | acute toxicity  |
| ATE             | Acute Toxicity Estimate   |
| BCF             | BioConcentration Factor   |
| BOD             | Biochemical Oxygen Demand   |
| Carc.           | carcinogenicity   |
| CAS             | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)  |
| CLP             | Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures   |
| CMR             | Carcinogenic, Mutagenic or toxic for Reproduction   |
| COD             | chemical oxygen demand  |
| DGR             | Dangerous Goods Regulations (see IATA/DGR)  |
| DMEL            | Derived Minimal Effect Level  |
| DNEL            | Derived No-Effect Level   |
| DOT             | Department of Transportation (USA)  |
| EmS             | Emergency Schedule  |
| ERG No          | Emergency Response Guidebook - Number   |
| Eye Dam.        | seriously damaging to the eye   |
| Eye Irrit.      | irritant to the eye   |
| GHS             | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations                                       |
| HMIS            | Hazardous Materials Identification System   |
| IARC Monographs | IARC Monographs on the Evaluation of Carcinogenic Risks to Humans   |
| IATA            | International Air Transport Association   |
| IATA/DGR        | Dangerous Goods Regulations (DGR) for the air transport (IATA)  |
| ICAO            | International Civil Aviation Organization   |
| IMDG            | International Maritime Dangerous Goods Code   |
| log KOW         | n-octanol/water   |
| MARPOL          | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")   |
| NFPA® 704       | National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States) |
| NPCA-HMIS® III  | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition                                   |
| OSHA            | Occupational Safety and Health Administration (United States)   |
| PBT             | Persistent, Bioaccumulative and Toxic   |
| PNEC            | Predicted No-Effect Concentration   |
| Skin Corr.      | corrosive to skin   |
| Skin Irrit.     | irritant to skin  |
| STOT SE         | specific target organ toxicity - single exposure  |

# Safety Data Sheet

acc. to OSHA, Appendix D to § 1910.1200

## Jax Wax Micro Renew

Version number: GHS 1.0

Date of compilation: 2016-05-03

| Abbr. | Descriptions of used abbreviations       |
|-------|--|
| vPvB  | very Persistent and very Bioaccumulative |

### 16.3 Key literature references and sources for data

- OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200
- 49 CFR § 172.101 Hazardous Materials Table (DOT)

### 16.4 Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards/Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### 16.5

#### List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code | Text                                    |
|------|---|
| H302 | harmful if swallowed                    |
| H314 | causes severe skin burns and eye damage |
| H318 | causes serious eye damage               |
| H319 | causes serious eye irritation           |
| H335 | may cause respiratory irritation        |
| H351 | suspected of causing cancer             |

### 16.7

#### Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.