SAFETY DATA SHEET

NovaClean AFX

Section 1. Identification

<table>
<thead>
<tr>
<th>GHS product identifier</th>
<th>NovaClean Detergent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other means of identification</td>
<td>NovaClean AFX</td>
</tr>
<tr>
<td>Product type</td>
<td>Liquid.</td>
</tr>
</tbody>
</table>

Identified uses

Detergent, Floor Cleaner

Supplier's details

Micronova Manufacturing Inc.
3431 West Lomita Boulevard
Torrance, CA 90505
Tel : 310-784-6990
Toll free: 888-816-4276
Fax: 310-784-6980
Web: www.micronova-mfg.com
Email address of person responsible for sds: info@micronova-mfg.com

Emergency telephone number (with hours of operation)

(24 hours)

Section 2. Hazards identification

OSHA/HCS status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture

Not classified.

GHS label elements

Signal word

No signal word.

Hazard statements

No known significant effects or critical hazards.

Precautionary statements

Prevention

Not applicable.

Response

Not applicable.

Storage

Not applicable.

Disposal

Not applicable.

Hazards not otherwise classified (HNOC)

Physical hazards not otherwise classified (PHNOC)

None known.

Health hazards not otherwise classified (HHNOC)

None known.
Section 3. Composition/information on ingredients

Substance/mixture : Mixture
Other means of identification : NovaClean AFX

CAS number/other identifiers
CAS number : Not applicable.
Product code : NC10-G

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

Section 4. First aid measures

Description of necessary first aid measures
Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation : Remove 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.
Skin contact : Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.
Ingestion : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if adverse health effects persist or are severe.

Most important symptoms/effects, acute and delayed

Potential acute health effects
Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms
Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary
Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments : No specific treatment.
Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)
Section 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
- Hazardous thermal decomposition products: No specific data.

Special protective actions for fire-fighters: No special measures are required.

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.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
- For non-emergency personnel: Put on appropriate personal protective equipment.
- For emergency responders: No special measures are required.

Environmental precautions: No special measures are required.

Methods and materials for containment and cleaning up
- Small spill: Stop leak if without risk. Wash spillages into an effluent treatment plant or proceed as follows. 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).
- Large spill: No special measures required.

Section 7. Handling and storage

Precautions for safe handling
- Protective measures: Put on appropriate personal protective equipment (see Section 8).
- Advice on general occupational hygiene: Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Do not store in unlabeled containers.
Section 8. Exposure controls/personal protection

Control parameters

United States

Occupational exposure limits
None.

Canada

Occupational exposure limits
None.

Appropriate engineering controls:
- No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls:
- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures:
- Follow good industrial hygiene practice.

Eye/face protection:
- Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection:
- Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection:
- Recommended: Lab coat.

Other skin protection:
- Not required under normal conditions of use.

Respiratory protection:
- Not required under normal conditions of use.

Section 9. Physical and chemical properties

Appearance

Physical state: Liquid.
Color: Clear.
Odor: Not available.
Odor threshold: Not available.
pH: 8.2
Melting point: 0°C (32°F)
Boiling point: 99°C (210.2°F)
Flash point: Not available.
Evaporation rate: 0.7 (Butyl acetate = 1)
Flammability (solid, gas): Not available.
Lower and upper explosive (flammable) limits: Not available.

Vapor pressure: 2.3 kPa (17.1 mm Hg) [room temperature]
Vapor density: 0.62 [Air = 1]
Relative density: 1.025
Solubility: Soluble in the following materials: cold water and hot water.
Section 9. Physical and chemical properties

Partition coefficient: n-octanol/water : Not available.
Auto-ignition temperature : Not available.
Decomposition temperature : Not available.
Viscosity : Not available.
Volatility : Not available.
VOC (w/w) : 0.04 % (w/w)

Section 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.
Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid : No specific data.
Incompatible materials : Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity
There is no data available.

Irritation/Corrosion
There is no data available.

Sensitization
There is no data available.

Carcinogenicity
There is no data available.

Specific target organ toxicity (single exposure)
There is no data available.

Specific target organ toxicity (repeated exposure)
There is no data available.

Aspiration hazard
There is no data available.

Information on the likely routes of exposure
Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Section 11. Toxicological information

**Skin contact** : No known significant effects or critical hazards.
**Ingestion** : No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact** : No known significant effects or critical hazards.
**Inhalation** : No known significant effects or critical hazards.
**Skin contact** : No known significant effects or critical hazards.
**Ingestion** : No known significant effects or critical hazards.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

**Potential immediate effects** : No known significant effects or critical hazards.
**Potential delayed effects** : No known significant effects or critical hazards.

**Long term exposure**

**Potential immediate effects** : No known significant effects or critical hazards.
**Potential delayed effects** : No known significant effects or critical hazards.

**Potential chronic health effects**

**General** : No known significant effects or critical hazards.
**Carcinogenicity** : No known significant effects or critical hazards.
**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.

**Numerical measures of toxicity**

**Acute toxicity estimates**
There is no data available.

Section 12. Ecological information

**Toxicity**
There is no data available.

**Persistence and degradability**
There is no data available.

**Bioaccumulative potential**
There is no data available.

**Mobility in soil**

**Soil/water partition coefficient (K_{oc})** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.
Section 13. Disposal considerations

**Disposal methods**: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Section 14. Transport information

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<th>TDG</th>
<th>IMDG</th>
<th>IATA</th>
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<tbody>
<tr>
<td>UN proper shipping name</td>
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<tr>
<td>Transport hazard class(es)</td>
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<tr>
<td>Packing group</td>
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<tr>
<td>Environmental hazards</td>
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<td>No.</td>
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<tr>
<td>Additional information</td>
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**AERG**: Not applicable.

**Special precautions for user**: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: Not available.

Section 15. Regulatory information

**U.S. Federal regulations**: United States inventory (TSCA 8b): All components are listed or exempted.

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)**: Not listed

**Clean Air Act Section 602 Class I Substances**: Not listed

**Clean Air Act Section 602 Class II Substances**: Not listed

**DEA List I Chemicals (Precursor Chemicals)**: Not listed

**DEA List I Chemicals (Precursor Chemicals)**: Not listed

**SARA 302/304**: Composition/information on ingredients

No products were found.
Section 15. Regulatory information

SARA 304 RQ : Not applicable.
SARA 311/312
Classification : Not applicable.
SARA 313

No products were found.

State regulations
Massachusetts : None of the components are listed.
New York : None of the components are listed.
New Jersey : None of the components are listed.
Pennsylvania
California Prop. 65
No products were found.

Canada
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
National inventory
Australia : All components are listed or exempted.
China : All components are listed or exempted.
Europe : Not determined.
Japan : All components are listed or exempted.
Malaysia : Not determined.
New Zealand : All components are listed or exempted.
Philippines : All components are listed or exempted.
Republic of Korea : All components are listed or exempted.
Taiwan : Not determined.

Section 16. Other information

History
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Date of previous issue : 05/11/2010
Version : 2
Prepared by : KMK Regulatory Services Inc.

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