

Revision nr. : -

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## 1. Identification of the substance/preparation and company

### 1.1. Product Identifier

Product name Freedom Carpet Clean  
Product code 3ED184-1AM

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

Use of the substance/ preparation Cleaner  
Product Category PC 35 : Washing and cleaning products  
SU 21 : Consumer  
Uses advised against This product is not advised for other than above described applications.

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

Supplier Eco Green Auto Clean LLC. Tel. : +1-650-216-600  
2801 El Camino Real Email : info@ecogreenautoclean.com  
Redwood City CA 94061 Site: : [www.ecogreenautoclean.com](http://www.ecogreenautoclean.com)  
USA

1.4 Emergency telephone number: :+1-650-216-600

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC: Not classified

### 2.2. Label elements

Labelling according to Directive 67/548/EEC or 1999/45/EC: -

### 2.3. Other hazards

No additional information available

## 3. Composition / information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Preparation

This preparation is not classified as dangerous but contains dangerous substances

#### Components dangerous for health or environment (Guideline 67/548/EEG)

| Ingredients | Weight. % | Einecs nr. | CAS nr. | Symbol/R Phrases* |
|-------------|-----------|------------|---------|-------------------|
| Isopropanol | 1 – 5     | 200-661-7  | 67-63-0 | F Xi 11-67-36     |

\* See chapter 16 for a complete description of all R-phrases

#### Components dangerous for health or environment (Regulation (EC) No 1272/2008)

| Ingredients | Weight. % | 2 REACH nr.      | Classification*                                |
|-------------|-----------|------------------|--|
| Isopropanol | 1 – 5     | 01-2119457558-25 | Flam. Liq.2 -H225; Eye Irrit.2 -STOT SE3 -H335 |

\* See chapter 16 for a complete description of all R-phrases

## 4. First aid measures

### 4.1. Description of first aid measures

|            |   |
|------------|---|
| Inhalation | Remove victim to fresh air.   |
| Skin       | Wash with soap and water. If irritation persists, get medical attention.        |
| Eyes       | Flush eyes with plenty of water. If irritation persists, get medical attention. |
| Ingestion  | Rinse mouth with cold water and get medical attention.                          |

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

|            |   |
|------------|---|
| Inhalation | No relevant human information is available. |
| Skin       | No relevant human information is available. |
| Eyes       | No relevant human information is available. |
| Ingestion  | No relevant human information is available. |

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

No additional information available

## 5. Fire fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media all extinguishing media can be used

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

Hazardous reactions None, non-combustible.

### 5.3. Advice for fire-fighters

Contaminated fire extinguishing-water. Do not allow entering drains or surface water.

## 6. Accidental release measures

### 6.1 Personal precautions, protective Equipment and emergency Procedure.

Personal precautions Wear recommended personal protective equipment.

### 6.2. Environmental precautions.

Environmental precautions. Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

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

Cleaning methods Collect in closed and suitable containers for disposal. Dilute and rinse remaining material.

### 6.4. Reference to other sections

|                      |              |
|----------------------|--------------|
| Protective measures  | See point 8  |
| Handling and storage | See point 7  |
| Waste treatment      | See point 13 |

## 7. Handling and storage

### 7.1. Precautions for safe handling

Handling Proper handling precautions while handling chemical materials have to be taken in account.

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

Storage Store in closed containers. Protect from freezing.

### 7.3. Specific end use(s)

Specific end use No information available

## 8. Exposure controls / personal protection

### 8.1. Control parameters

Exposure Use only in well ventilated area's  
 Occupational exposure limits : Isopropanol : TGG-8hr. 650 mg/m<sup>3</sup> TGG 15 min. - mg/m<sup>3</sup>

### 8.2. Exposure controls

|                      |   |
|----------------------|---|
| Protective equipment | No special requirements under normal use conditions and sufficient ventilation.   |
| Respiratory          | No special requirements under normal use conditions<br>Wear suitable respiratory protection at high exposure levels.<br>Suitable filter cartridge A (brown) class 1 or higher, eg on a face shield conform EN 140 |
| Hands / skin         | No special requirements under normal use conditions<br>In case of calamity: rubber gloves conform EN 374 suitable material NBR (Nitrile rubber) 0.4 mm thick, permeation time >= 30 minutes.                      |
| Eyes                 | Wear chemical safety goggles (EN 166) when contact is possible.   |
| General              | Do not drink or smoke during use.   |

## 9. Physical and chemical properties

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

|  |   |
|--|---|
| Physical state                               | Clear liquid                            |
| Odour  | Mild                                    |
| Odour threshold                              | Not available                           |
| pH   | 8.2                                     |
| Melting point /freezing point                | 0°C                                     |
| Initial boiling point and boiling range      | 78-100°C                                |
| Flash point                                  | Not applicable                          |
| Evaporation rate                             | Not available                           |
| Flammability (solid, gas)                    | Not applicable                          |
| Upper/lower flammability or explosive limits | Not available                           |
| Vapour pressure                              | Not available                           |
| Vapour density                               | Not available                           |
| Relative density                             | 0.996 g./cm <sup>3</sup>                |
| Solubility                                   | Completely soluble in water, not in oil |
| Partition coefficient: n-octanol/water       | <1,0                                    |
| Auto-ignition temperature                    | Not available                           |
| Decomposition temperature                    | >299°C                                  |
| Viscosity at 20°C                            | < 10 mPa.s                              |
| Explosive properties                         | Not available                           |
| Oxidising properties                         | Not available                           |

### 9.2. Other information

No additional information available

## 10. Stability and reactivity

|  |                                |
|--|--------------------------------|
| 10.1. Reactivity                         | Not applicable                 |
| 10.2. Chemical Stability                 | Stable under normal conditions |
| 10.3. Possibility of hazardous reactions | None under normal conditions   |

|   |                              |
|---|------------------------------|
| <u>10.4. Conditions to avoid</u>              | None under normal conditions |
| <u>10.5. Incompatible materials</u>           | None under normal conditions |
| <u>10.6. Hazardous decomposition products</u> | None under normal conditions |

## 11. Toxicological information

### 11.1. Information on toxicological effects

|                |  |
|----------------|--|
| Acute toxicity | Not classified as toxic according to criteria mentioned in 3.1.3 of (EC) No 1272/2008. |
| Oral LD50:     | > 2g./kg (rats).   |
| Inhalation     | Not expected to impart hazardous properties  |
| Skin           | Not expected to impart hazardous properties  |
| Eye            | Direct contact may cause irritation  |
| Ingestion      | No data available  |

## 12. Ecological information

### 12.1. Toxicity

|            |  |
|------------|--|
| Product    | Harmless to aquatic organisms up to the tested concentration |
| Components | No data available  |

### 12.2. Persistence and degradability

The surfactants are biodegradable for more than 90% according to the OECD test 301 concerned

### 12.3. Bio accumulative potential

Not available

### 12.4. Mobility in soil

Not available

### 12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH annex XIII

### 12.6. Other adverse effects

No additional information available

## 13. Disposal considerations

### 13.1. Waste treatment methods

|                     |  |
|---------------------|--|
| Material disposal   | Dispose of according to local environmental controls.  |
| Container disposal: | Rinse with small amount of water (to be reused) and dispose of according to local environmental controls |

## 14. Transport information

|  |  |
|--|--|
| 14.1. UN Number  | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name  | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es)   | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group  | No dangerous good in sense of this transport regulation. |
| 14.5. Environmental hazards  | No dangerous good in sense of this transport regulation. |
| 14.6. Special precautions for user   | None   |
| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | not applicable   |

## 15. Regulatory information

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

|   |   |
|---|---|
| General   | Work in accordance with all national/local regulations  |
| European community  | Regulation (EC) 1907/2006 (REACH), regulation (EC) 1272/2008 (CLP) and other involved regulations                                   |
| Additional labelling  | None  |
| Additional Information on packing according to Regulation (CE) 648/2004 |   |
| Contains  | : nonionic surfactants: < 5%<br>: anionic surfactants: < 5%<br>: optical brightener<br>: sodium hydroxymethylglycinate<br>: perfume |

## 16. Other information

The contents and format of this MSDS are in accordance with regulation (EC) no. 1907/2006 of the European Parliament and Council of 18 December 2006 concerning the registration, evaluation, authorisation and restriction of Chemicals (REACH).

16.1. Indication of changes : Not applicable

### 16.2. Abbreviations and acronyms

Chapter 1: PC : Product category  
SU : Sector of use

### 16.3 Relevant R-, H- and EUH-phrases (Number and full text)

|                       |       |  |
|-----------------------|-------|--|
| R-phrases (chapter 3) | : 11  | Highly flammable                           |
|                       | : 36  | Irritating to eyes.                        |
|                       | : 67  | Vapours may cause drowsiness and dizziness |
| H-phrases (chapter 3) | : 225 | Highly flammable liquid and vapour         |
|                       | : 335 | May cause respiratory irritation           |

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