



Flexiclean™ CC-560G

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

| | |
|---------------|---------------------|
| Chemical Name | Mixture |
| Trade Name | Flexiclean™ CC-560G |
| CAS No. | Mixture |

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

| | |
|----------------------|---|
| Identified Use(s) | Carpet and Upholstery Cleaning Products |
| Uses Advised Against | None |

Details of the supplier of the safety data sheet

| | |
|----------------------------|--|
| Company Identification | Innovative Chemical Technologies, Inc. 103 Walnut Grove Road SE Cartersville, GA 30120 United States of America |
| Telephone | (770) 607-9340; M-F 8:00 AM-5:30 PM EST |
| Fax | (770) 607-9341 |
| Emergency telephone number | |
| Emergency Phone No. | (770) 607-9340; M-F 8:00 AM-5:30 PM EST |

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

| | |
|-----------------------------|------------|
| OSHA HCS (29 CFR 1910.1200) | Eye Dam. 1 |
|-----------------------------|------------|

Label elements

Hazard Symbol(s)



Signal Word(s)

DANGER

Hazard Statement(s)

Causes serious eye damage.

Precautionary Statement(s)

Wear protective gloves/protective clothing/eye protection/face protection.
Wash hands and exposed skin after use.

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

Other hazards

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Additional Information

None



Flexiclean™ CC-560G

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Composition/information on ingredients | %W/W | CAS No. | Hazard classification |
|--|---------|--------------|--|
| Anionic polymer | 25 - 30 | Trade Secret | Causes eye irritation. |
| Nonionic surfactant | 15 - 20 | Trade Secret | Causes serious eye damage. Harmful if swallowed. Toxic to aquatic life. |
| Nonionic surfactant | 3 - 7 | Trade Secret | Causes serious eye damage. Causes skin irritation. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects. |
| Water | 50 - 55 | 7732-18-5 | Not classified as dangerous for supply/use. |

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below. - **None**

SECTION 4: FIRST AID MEASURES



Description of first aid measures

| | |
|---|--|
| Inhalation | Remove person to fresh air and keep comfortable for breathing. Keep patient at rest and give oxygen if breathing difficult. If symptoms continue, get medical attention. |
| Skin Contact | Wash affected skin with plenty of water. If irritation (redness, rash, blistering) develops, get medical attention. Take off contaminated clothing and wash it before reuse. |
| Eye Contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention. |
| Ingestion | Call a physician (or poison control centre immediately). Do not give anything by mouth to an unconscious person. Do NOT induce vomiting. |
| Most important symptoms and effects, both acute and delayed | Causes serious eye damage. May cause respiratory irritation. May be harmful if swallowed. |
| Indication of any immediate medical attention and special treatment needed | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |

SECTION 5: FIRE-FIGHTING MEASURES

| | |
|--|--|
| Extinguishing Media -Suitable Extinguishing Media -Unsuitable Extinguishing Media | Non-combustible. As appropriate for surrounding fire. None anticipated. |
| Special hazards arising from the substance or mixture | Combustion or thermal decomposition will evolve toxic and irritant vapours. |
| Advice for fire-fighters | Fire fighters should wear complete protective clothing including self-contained breathing apparatus. |



Flexiclean™ CC-560G

SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
|--|--|
| Personal precautions, protective equipment and emergency procedures | Avoid skin contact. Do not get in eyes. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing mist/spray. |
| Environmental precautions | Contain spillages with sand, earth or any suitable adsorbent material. Do not allow to enter drains, sewers or watercourses. Collect spillage. |
| Methods and material for containment and cleaning up | Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery. Wash the spillage area with water. Prevent water running into sewers. Collect spillage. |
| Reference to other sections | None |
| Additional Information | None |

SECTION 7: HANDLING AND STORAGE

| | |
|---|---|
| Precautions for safe handling | Avoid skin contact. Do not get in eyes. Avoid breathing mist/spray. Do not eat, drink or smoke when using this product. |
| Conditions for safe storage, including any incompatibilities | |
| -Storage temperature | Keep in a well ventilated place. Store at temperatures not exceeding 50°C / 122 °F. Protect from sunlight. |
| -Incompatible materials | Strong oxidising agents and Reducing agents. Reactive metals: Sodium, Calcium, Zinc. Copper alloys. Materials reactive with hydroxyl compounds. Strong acids. |
| Specific end use(s) | Carpet and Upholstery Cleaning Products |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

| SUBSTANCE. | CAS No. | LTEL (8 hr TWA ppm) | | STEL (ppm) | | Note: |
|------------|---------|---------------------|-------------|------------|-------------|-------|
| | | PEL (OSHA) | TLV (ACGIH) | PEL (OSHA) | TLV (ACGIH) | |
| None | ----- | ----- | ----- | ----- | ----- | ----- |

- LTEL: Long Term Exposure Limit; STEL: Short Term Exposure Limit

Exposure controls

| | |
|---|--|
| Appropriate engineering controls | Not normally required. |
| Personal protection equipment | The following to be used as necessary: |
| Eye/face protection | Wear protective eyewear (goggles, face shield, or safety glasses). |





Flexiclean™ CC-560G

Skin protection (Hand protection/ Other)



Gloves (PVC, Neoprene, or Natural rubber).

Respiratory protection



Not normally required.

Thermal hazards

Not normally required.

Environmental Exposure Controls

Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|--|----------------------------------|
| Appearance | Clear, Liquid |
| Color | Pale yellow to yellow. |
| Odor | Ammoniacal |
| Odor Threshold (ppm) | Not available. |
| pH (Value) | ca. 9.5 |
| Melting Point (°C) / Freezing Point (°C) | Not available. |
| Boiling point/boiling range (°C): | ca. 100 (Water) |
| Flash Point (°C) | Non-combustible |
| Evaporation Rate | ca. 1 |
| Flammability (solid, gas) | Not applicable. |
| Explosive Limit Ranges | Not applicable. |
| Vapour pressure (Pascal) | Not available. |
| Vapour Density (Air=1) | Heavier than air. |
| Density (g/L) | 1.07 +/-0.02 |
| Solubility (Water) | Soluble |
| Solubility (Other) | Not available. |
| Partition Coefficient (n-Octanol/water) | Not available. |
| Auto Ignition Point (°C) | Not applicable. |
| Decomposition Temperature (°C) | Not available. |
| Kinematic Viscosity (cSt) @ 40°C | Not available. / Not applicable. |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |
| Other information | Not available. |

SECTION 10: STABILITY AND REACTIVITY

| | |
|------------------------------------|------------------------------------|
| Reactivity | Stable under normal conditions. |
| Chemical stability | Stable. |
| Possibility of hazardous reactions | None anticipated. |
| Conditions to avoid | Avoid excessive heat and freezing. |



Flexiclean™ CC-560G

Incompatible materials

Strong oxidising agents and Reducing agents. Reactive metals: Sodium, Calcium, Zinc. Copper alloys. Materials reactive with hydroxyl compounds. Strong acids.

Hazardous decomposition product(s)

Low molecular weight organic compounds; oxides of carbon and/or nitrogen; smoke of unknown toxicity

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Skin Contact, Eye Contact, Inhalation

Information on toxicological effects

Anionic polymer (CAS# Trade Secret) - By analogy with similar materials:

| | |
|--------------------------|--|
| Acute toxicity | Oral: ALD > 11000 mg/kg (rat) Inhalation: ALC > 1417 mg/L (rat) (4hr) |
| Irritation / Corrosivity | Repeated or prolonged contact may cause defatting of the skin resulting in dryness, cracking and dermatitis. |
| Sensitization | It is not a skin sensitizer. |
| Repeated dose toxicity | Not available. |
| Mutagenicity | There is no evidence of mutagenic potential. |
| Carcinogenicity | It is unlikely to present a carcinogenic hazard to man. |

| NTP | IARC | ACGIH | OSHA |
|-----|------|-------|------|
| No. | No. | No. | No. |

| | |
|---------------------------|----------------|
| Developmental Toxicity | Not available. |
| Toxicity for reproduction | Not available. |
| Other information | None known. |

Nonionic Surfactant (CAS# Trade Secret) – By analogy with similar materials:

| | |
|--------------------------|--|
| Acute toxicity | Oral: LD50: 1378 - >2000 mg/kg (rat) Dermal: LD50: >2000 mg/kg (rabbit) |
| Irritation / Corrosivity | Causes serious eye damage. |
| Sensitization | It is not a skin sensitizer. |
| Repeated dose toxicity | Not available. |
| Mutagenicity | Not available. |
| Carcinogenicity | It is unlikely to present a carcinogenic hazard to man. |

| NTP | IARC | ACGIH | OSHA |
|-----|------|-------|------|
| No. | No. | No. | No. |

| | |
|---------------------------|----------------|
| Developmental Toxicity | Not available. |
| Toxicity for reproduction | Not available. |
| Other information | None known. |

Nonionic Surfactant (CAS# Trade Secret) - By analogy with similar materials:

| | |
|--------------------------|--|
| Acute toxicity | Oral: LD50: 846 - 1236 mg/kg (rat) Dermal: >2000 mg/kg bw (rat) |
| Irritation / Corrosivity | Causes skin irritation. Causes serious eye irritation. |
| Sensitization | It is not a skin sensitizer. |
| Repeated dose toxicity | None anticipated |
| Mutagenicity | There is no evidence of mutagenic potential. |



Flexiclean™ CC-560G

Carcinogenicity

It is unlikely to present a carcinogenic hazard to man.

| NTP | IARC | ACGIH | OSHA |
|-----|------|-------|------|
| No. | No. | No. | No. |

Developmental Toxicity

None anticipated

Toxicity for reproduction

None anticipated

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

Substances in preparations / mixtures:

Anionic polymer (CAS# Trade Secret) - By analogy with similar materials:

| | |
|------------------------------------|--|
| Acute toxicity | EC50 (48 hour) >100 mg/l (Daphnia magna) |
| Long Term Toxicity | Not available. |
| Persistence and degradability | Not readily biodegradable. |
| Bioaccumulative potential | Not available. |
| Mobility in soil | Not available. |
| Results of PBT and vPvB assessment | Not available. |
| Other adverse effects | None known. |

Nonionic Surfactant (CAS# Trade Secret) – By analogy with similar materials:

| | |
|------------------------------------|--|
| Acute toxicity | LC50 (96 hour): 5 – 8.5 mg/l (fish) EC50 (72 hour): 5.3 - 10 mg/l (Aquatic invertebrates) |
| Long Term Toxicity | Not available |
| Persistence and degradability | Readily biodegradable. |
| Bioaccumulative potential | Not available. |
| Mobility in soil | Not available. |
| Results of PBT and vPvB assessment | Not classified as PBT or vPvB. |
| Other adverse effects | None known. |

Nonionic Surfactant (CAS# Trade Secret) - By analogy with similar materials:

| | |
|------------------------------------|---|
| Acute toxicity | LC50 (96 hour): 0.6 – 32 mg/l (Fish) EC50 (48 hour): 0.5 – 10.8 mg/l (Aquatic invertebrates) ErC50 (72 hour): 0.01 – 5.3 mg/l (Algae) |
| Long Term Toxicity | NOEC (72 hour): 0.075 mg/l (Algae) |
| Persistence and degradability | Readily biodegradable. |
| Bioaccumulative potential | Not available. |
| Mobility in soil | Not available. |
| Results of PBT and vPvB assessment | Not classified as PBT or vPvB. |
| Other adverse effects | None known. |

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.



Flexiclean™ CC-560G

SECTION 14: TRANSPORT INFORMATION

Land transport
(U.S. DOT)

Sea transport
(IMDG)

Air transport
(ICAO/IATA)

UN number

Proper Shipping Name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for user

Not classified as dangerous for transport.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

| Chemical Name | CAS No. | Typical %wt. | RQ (Pounds) |
|---------------|---------|--------------|-------------|
| None | ---- | ---- | ---- |

SARA 311/312 - Hazard Categories: None

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

| Chemical Name | CAS No. | Typical %wt. |
|---------------|---------|--------------|
| None | ---- | ---- |

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

| Chemical Name | CAS No. | Typical %wt. | RQ (Pounds) | TPQ (Pounds) |
|---------------|---------|--------------|-------------|--------------|
| None | ---- | ---- | ---- | ---- |

Proposition 65 (California):

| Chemical Name | CAS No. | Typical %wt. | Hazards |
|---------------|---------|--------------|---------|
| None | ---- | ---- | ---- |

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of revision: January 3, 2018

Date of preparation: January 26, 2015

Hazard Statement(s) Listed in: SECTION 3

- H302: Harmful if swallowed.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H320: Causes eye irritation.
- H400: Very toxic to aquatic life.
- H402: Toxic to aquatic life.
- H411: Toxic to aquatic life with long lasting effects.



Flexiclean™ CC-560G

Training advice: None.

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.