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**Section 1 - PRODUCT AND COMPANY IDENTIFICATION**

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**Material Name**

MiraSTOP CG-F CAT

**Product Use**

Accelerant for PU injection resin

**Restrictions on Use**

For industrial use only.

**Phone Numbers:**

Medical Emergency

CHEMTREC (USA): 800-424-9300

MSDS Assistance: 972-442-6545

Technical Assistance: 888-229-2199

Customer Service: 888-229-0199

**Manufacturer Information**

Carlisle Coatings and Waterproofing, Inc.

900 Hensley Lane

Wylie, TX 75098

www.carlisleccw.com

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**Section 2 - HAZARDS IDENTIFICATION**

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**Classification of the substance of mixture**



GHS05 Corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

**GHS Label Elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**Symbol(s)**



GHS05

**Signal Word**

Danger

**Hazard-determining Components of Labeling**

Amines, coco alkyldimethyl

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**Hazard Statement(s)**

Causes sever skin burns and eye damage.

**Precautionary Statement(s)**

Do not breathe dusts or mists.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Wear eye protection / face protection.  
Wash thoroughly after handling.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
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).  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Wash contaminated clothing before reuse.  
If swallowed: Rinse mouth. Do NOT induce vomiting.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other Hazards**

**Results of PBT and vPvB Assessment**

PBT: Not applicable.  
vPvB: Not applicable.

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## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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**Chemical characterization:**

Mixtures

**Description:** Mixture of the substances listed below with nonhazardous additions.

CAS	Component Name	Percent
61788-93-0	Amines, coco alkyldimethyl	25-50

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## Section 4 - FIRST AID MEASURES

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**Description of First Aid Measures**

**General information:**

Immediately remove any clothing soiled by the product.

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Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

### **Inhalation**

In case of unconsciousness place patient stably in side position for transportation.

### **Skin Contact**

Immediately wash with water and soap and rinse thoroughly.

### **Eye Contact**

Rinse opened eye for several minutes under running water. Then consult a doctor.

### **Ingestion**

Immediately call a doctor.

Drink copious amounts of water and provide fresh air. Immediately call a doctor.

### **Information for doctor**

#### **Most Important Symptoms/Effects, both acute and delayed**

No further relevant information available.

#### **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

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## Section 5 - FIRE FIGHTING MEASURES

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### **Extinguishing Media**

#### **Suitable Extinguishing Media**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

#### **Special Hazards Arising from the Substance or Mixture**

No further relevant information available.

### **Fire Fighting Measures**

No special measures required.

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### **Personal Precautions, Protective Equipment and Emergency Procedures**

Wear protective equipment. Keep unprotected persons away.

### **Environmental Precautions**

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

### **Methods and Materials for Containment and Cleaning Up**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralizing agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

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**Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**Protective Action Criteria for Chemicals**

**PAC-1:**

None of the ingredients is listed.

**PAC-2:**

None of the ingredients is listed.

**PAC-3:**

None of the ingredients is listed.

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### Section 7 - HANDLING AND STORAGE

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**Precautions for Safe Handling**

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

**Information about protection against explosions and fires**

No special measures required.

**Conditions for Safe Storage, Including any Incompatibilities**

**Requirements to be met by storerooms and receptacles**

No special requirements.

**Information about storage in one common storage facility**

Not required.

**Further information about storage conditions**

Keep receptacle tightly sealed.

**Specific end use(s)**

No further relevant information available.

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### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Additional Information about Design of Technical Systems**

No further data; see item 7.

**Control parameters**

**Components with limit values that require monitoring at the workplace**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information**

The lists that were valid during the creation were used as basis.

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**Exposure controls**

**Personal protective equipment**

**General protective and hygienic measures**

Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes and skin.

**Breathing equipment**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

**Protection of hands:**

Protective gloves.  
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection**

Tightly sealed goggles.

**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Fluid	<b>Odor</b>	Amine-like
<b>Color</b>	Colorless	<b>Odor threshold</b>	Not determined
<b>pH</b>	Not determined	<b>Melting Point</b>	Undetermined
<b>Boiling Point</b>	Undetermined	<b>Flash Point</b>	Not applicable
<b>Flammability (solid, gaseous)</b>	Not applicable	<b>Ignition temperature</b>	400 °C (752 °F)
<b>Decomposition temperature</b>	Not determined	<b>Auto igniting</b>	Not applicable
<b>Danger of explosion</b>	Not applicable	<b>Lower Explosive Limit</b>	0.3 Vol %

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<b>Upper Explosive Limit</b>	1.7 Vol %	<b>Density</b>	Not determined
<b>Relative density</b>	Not determined	<b>Vapor density</b>	Not determined
<b>Water Solubility</b>	Not miscible or difficult to mix	<b>Partition coefficient: n-octanol/water</b>	Not determined
<b>Viscosity</b> Dynamic at 20 °C (68 °F)	51 mPas	<b>Kinematic</b>	Not determined
<b>Solvent content: Organic solvents</b>	0.0 %	<b>VOC content</b>	0.0 g/l/ 0.00 lb/gl

### Other Information

No additional information available.

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## Section 10 - STABILITY AND REACTIVITY

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### Reactivity

No further relevant information available.

### Conditions to Avoid

No further relevant information available.

### Possibility of Hazardous Reactions

No dangerous reactions known.

### Conditions to Avoid

No further relevant information available.

### Incompatible Materials

No further relevant information available.

### Hazardous decomposition products

No dangerous decomposition products known.

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## Section 11 - TOXICOLOGICAL INFORMATION

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### Information on toxicological effects

#### Primary irritant effect

#### Skin Contact

Caustic effect on skin and mucous membranes.

#### Eye Contact

Strong caustic effect.

#### Sensitization

No sensitizing effects known.

#### Additional toxicological information

The product shows the following dangers according to internally approved calculation methods for

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preparations:

Harmful

Corrosive

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

**Acute and Chronic Toxicity**

**Component Analysis - LD/LC50**

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Amines, coco alkyldimethyl

Oral LD50 Rat 1450 mg/kg

**Component Carcinogenicity**

<b>Amines, coco alkyldimethyl</b>	
IARC:	None of the ingredients is listed.
NTP:	None of the ingredients is listed.
OSHA-Ca:	None of the ingredients is listed.

**Section 12 - ECOLOGICAL INFORMATION**

**Component Analysis - Aquatic Toxicity**

<b>Amines, coco alkyldimethyl</b>	61788-93-0
Fish:	LC50 96 hr zebrafish 0.1-1 mg/L

**Persistence and Degradability**

No further relevant information available.

**Bioaccumulative Potential**

No further relevant information available.

**Mobility in Soil**

No further relevant information available.

**Ecotoxicological Effects**

Very toxic for fish.

**General notes**

Water hazard class 2 (Self-assessment): hazardous for water  
 Do not allow product to reach ground water, water course or sewage system.  
 Must not reach bodies of water or drainage ditch undiluted or unneutralized.  
 Danger to drinking water if even small quantities leak into the ground.  
 Also poisonous for fish and plankton in water bodies.  
 Very toxic for aquatic organisms.

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**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** No applicable.

**Other adverse effects**

No further relevant information available.

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### Section 13 - DISPOSAL CONSIDERATIONS

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**Waste Treatment Methods**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned Packagings**

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

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### Section 14 - TRANSPORT INFORMATION

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**US DOT Information:**

**Shipping Name:** Amines, liquid, corrosive, n.o.s. (Amines, coco alkyldimethyl)

**Hazard Class:** 8 Corrosive substances

**UN/NA #:** UN2735

**Packaging Group:** III

**Required Label(s):** 8

**IATA Information:**

**Shipping Name:** AMINES, LIQUID, CORROSIVE, N.O.S. (Amines, coco alkyldimethyl)

**Hazard Class:** 8 Corrosive substances

**UN/NA #:** UN2735

**Packaging Group:** III

**Required Label(s):** 8

**IMDG Information:**

**Shipping Name:** AMINES, LIQUID, CORROSIVE, N.O.S. (Amines, coco alkyldimethyl), MARINE POLLUTANT

**Hazard Class:** 8 Corrosive substances

**UN/NA #:** UN2735

**Packaging Group:** III

**Required Label(s):** 8

**TDG Information:**

**US DOT**

**Quantity limitations:** On passenger aircraft/rail: 1 L

On cargo aircraft only: 30 L

**Remarks:** Special marking with the symbol (fish and tree)

**UN#:** UN2735

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### IMDG

Limited quantities (LQ): 5L

Excepted quantities (EQ): Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN#: UN2735

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## Section 15 - REGULATORY INFORMATION

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### U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

di-“isononyl” phthalate	28553-12-0
Amines, coco alkyldimethyl	61788-93-0

### The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects

di-“isononyl” phthalate	28553-12-0
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## Section 16 - OTHER INFORMATION

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### HMIS Rating

Health: 3 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

### NFPA Ratings

Health: 3 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

### Summary of Changes

Revision Date: April 12, 2020

Revision Note: New

### Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD -

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Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

### Other Information

#### Disclaimer:

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, CCWI Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use.