

Coil Guard™

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:

Coil Guard™

OTHER MEANS OF IDENTIFICATION:

CG-AER; CGB-AER

RECOMMENDED USE OF THE CHEMICAL:

Please see label for instruction

RESTRICTIONS ON USE:

None known

MANUFACTURED BY:

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(Chemical Emergencies)

SECTION 2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE CHEMICAL:

Gas Under Pressure

Flammable Aerosol, category 1

Aspiration Hazard, category 1

Skin Irritation, category 2

Specific Target Organ Toxicity – Single Exposure, category 3 (drowsiness)

Specific Target Organ Toxicity – Repeated Exposure, category 2

Reproductive Toxicity, category 2

HAZARD SYMBOL(S):



SIGNAL WORD: Danger

HAZARD STATEMENT(S)

- H222 Extremely flammable aerosol.
- H280 Contains gas under pressure; may explode if heated.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H336 May cause drowsiness or dizziness.
- H361 Suspected of damaging fertility or the unborn child.
- H373 May cause damage to organs in the central nervous system through prolonged and repeated exposure.

PRECAUTIONARY STATEMENT(S)

- P102 Keep out of reach of children.
- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.

RESPONSE

- P301+310 **IF SWALLOWED:** Immediately call a poison control center. Do NOT induce vomiting.
- P331 **IF ON SKIN:** Wash with plenty of water.
- P302+352 **IF ON SKIN:** Wash with plenty of water.
- P332+313 **If skin irritation occurs:** Get medical advice.
- P362+364 **Take off contaminated clothing and wash it before reuse.**
- P304+340 **IF INHALED:** Remove person to fresh air and keep comfortable for breathing.
- P308+311 **If exposed or concerned:** Get medical advice.
- P312 **Call a doctor if you feel unwell.**
- P321 **Specific treatment (see FIRST AID section on this label).**

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- P210 Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
- P211 Do not spray on open flame or other ignition source.
- P251 Pressurized container: Do not pierce or burn, even after use.
- P260 Do not breathe gas, fumes, mist, vapor, or spray.
- P264 Wash hands and exposed skin thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P403 Store in a well-ventilated place.
- P405 Store locked up.
- P410 Protect from sunlight.
- P412 Do not expose to temperatures exceeding 50°C / 122°F.
Wear protective gloves and eye protection.
- P501 Dispose of container in accordance with local regulations.

HAZARD(S) NOT OTHERWISE CLASSIFIED:
None known

0% of the chemical consists of ingredient(s) of unknown acute toxicity.

NOTE:

Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

SECTION 3. INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	COMPOSITION, wt%	GHS CLASSIFICATION(S)
Toluene	108-88-3	70-80%	Flam Liq. 2; Skin Irrit. 2; Repro 2; STOT-SE3(d); STOT-RE2; Asp 1

TRADE SECRET CLAIM:

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

NOTE:

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with 19 CFR §1910.1200. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

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SECTION 4. FIRST AID MEASURES

GENERAL FIRST AID MEASURES:

If medical attention is required due to exposure, then be sure to take product label or safety data sheet when seeking medical care.

IF INHALED:

Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

IF IN EYES:

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

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

Not anticipated to require immediate medical attention.

MOST IMPORTANT SYMPTOMS:

If aspirated, causes coughing, gagging, distress, and rapidly developing pulmonary edema. Irritation, drowsiness, and dizziness.

IF ON SKIN:

Wash with soap and water. Take off contaminated clothing and wash it before reuse.

IF SWALLOWED:

DO NOT INDUCE VOMITING! Never give anything by mouth to an unconscious person. Get medical attention immediately.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Apply water spray, water fog, foam, dry chemical powder, or Carbon Dioxide. Do not use solid water stream as it may scatter and spread fire.

SPECIFIC HAZARDS:

Contents under pressure, may explode. Vapors may cause flash fire. Vapors can flow along surfaces to distant ignition source and flash back. Sensitive to static discharge.

SPECIAL PROTECTIVE EQUIPMENT:

Not determined.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

HAZARDOUS COMBUSTION PRODUCTS:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Not determined.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Remove non-emergency personnel from the area in an orderly fashion.

EMERGENCY PROCEDURE(S):

Eliminate all ignition sources. Ground all equipment. Do not walk through spill. Prevent entry into sewers, confined spaces, etc. Should not be released into the environment. Do not allow material to contaminate ground water system. Keep combustibles (paper, wood, oil) away from spilled material. Ventilate closed spaces before entering.

PROTECTIVE EQUIPMENT:

Use appropriate chemical-resistant gloves and eye protection.

METHODS FOR CONTAINMENT:

Cover drains and ventilate area to prevent vapor build-up.

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REFERENCES:

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

METHODS FOR CLEAN UP:

For large spills, stop the flow of material if this is without risk. Dike the spilled material where this is possible. Absorb spill with noncombustible matter and transfer to containers. Cover with plastic sheet to prevent spreading. Collect spillage. Following product recovery, flush area with water. Clean surface thoroughly to prevent residual contamination.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling. Ensure there is sufficient ventilation of the area. Explosive vapor/air moistures may be formed even at normal room temperatures. Protect from physical damage. Avoid prolonged exposure. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Take precautionary measures against static discharge.

CONDITIONS FOR SAFE STORAGE:

Keep cool in a cool, well-ventilated place away from sunlight. Ensure local and adequate ventilation.

STORAGE INCOMPATIBILITIES:

Heat, sparks, and flame.

SECTION 8. EXPOSURE CONTROLS

INGREDIENT

Toluene

CAS No.

108-88-3

PEL

200 ppm

AGCIH

20 ppm

NIOSH

100 ppm

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

APPROPRIATE ENGINEERING CONTROLS:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Use explosion-proof equipment.

EYE/FACE PROTECTION:

Use chemical safety goggles and/or a full-face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities or a source of running water in the work area.

SKIN PROTECTION:

Wear suitable protective gloves, clothing, and footwear.

RESPIRATORY PROTECTION:

Use in a well-ventilated area. If vapors are generated and exceed the exposure limits, use air-purifying respirators.

ENVIRONMENTAL PROTECTION:

No anticipated protective equipment is required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Blue or Clear liquid.
pH: Not determined.
MELTING POINT: 42°F (5.56°C).
FLASHPOINT: Not applicable.
FLAMMABILITY: Not determined.
VAPOR PRESSURE: Not determined.

ODOR: Sweet / Pungent.
ODOR THRESHOLD: Not determined.
BOILING POINT: 230°F (110°C).
EVAPORATION RATE: 2 (n-butyl acetate = 1).
UPPER EXPLOSIVE %: 7.1%.
LOWER EXPLOSIVE %: 1.2%.

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VAPOR DENSITY: 3.14.
SOLUBILITY: Very slightly soluble.
AUTO-IGNITION: 996°F (535°C).
VISCOSITY: Not determined.

RELATIVE DENSITY: Not determined.
PARTITION COEFFICIENT: Not determined.
DECOMPOSITION TEMP: Not determined.

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:
Not anticipated to be reactive.

CHEMICAL STABILITY:
Chemical is anticipated to be stable in normal storage conditions.

HAZARDOUS REACTIONS:
Will not occur.

CONDITIONS TO AVOID:
Incompatibles. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, flames, sparks, or other ignition sources.

INCOMPATIBLE MATERIALS:
Strong oxidizing agents, reducing agents, acids, and alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS:
Not determined.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY ESTIMATES:
Oral – Contains no ingredient(s) considered toxic.
Dermal – Contains no ingredient(s) considered toxic.
Inhalation – Contains no ingredient(s) considered toxic.

SKIN CORROSION/IRRITATION:
Contains an ingredient applicable to this category.

SENSITIZATION:
Respiratory: Contains no ingredient(s) applicable to this category.
Skin: Contains no ingredient(s) applicable to this category.

EYE DAMAGE/IRRITATION:
Contains no ingredient(s) applicable to this category.

GERM CELL MUTAGENICITY:
Contains no ingredient(s) applicable to this category.

REPRODUCTIVE TOXICITY:
Contains an ingredient applicable to this category.

CARCINOGENICITY:
Contains no ingredient(s) applicable to this category.

ASPIRATION HAZARD:
Contains an ingredient applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:
Contains an ingredient applicable to this category.

SYMPTOMS RELATED TO CHARACTERISTICS:
Not determined.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:
Contains an ingredient applicable to this category.

NATIONAL TOXICOLOGY PROGRAM LISTING:
No ingredients listed.

DELAYED AND IMMEDIATE EFFECT FROM SHORT- AND LONG-TERM EXPOSURE:
Lasting impairments in intellectual function, incoordination, and hearing and color vision loss may occur with repeated occupational exposure to low-to-moderate air levels of toluene over time.

INTERNATIONAL AGENCY FOR RESEARCH ON CANCER LISTING:
No ingredients listed.

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SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:

Algae – Contains no ingredient(s) considered toxic.
Fish – Contains no ingredient(s) considered toxic.
Crustacea – Contains no ingredient(s) considered toxic.

PERSISTENCE AND DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

No data available.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF EMPTY CONTAINERS:

Vapors may collect in empty containers. Treat empty containers as hazardous. Please recycle container with a licensed recycling company.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS:

Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

SECTION 14. TRANSPORT INFORMATION

HAZARD PLACARD:

UN NUMBER: 1950

LTD QTY: < 5L

UN PROPER SHIPPING NAME:

Aerosol

HAZARD CLASS:

2.1 Flammable gas.

PACKAGING GROUP:

n/a

ENVIRONMENTAL HAZARD:

No.

TRANSPORT IN BULK:

Not determined.

SPECIAL PRECAUTIONS:

Do not ship with excessive weight on top. Keep in original containers.

SECTION 15. REGULATORY INFORMATION

SARA:

311 –Toluene.

312 –Toluene.

313 –Toluene.

RIGHT-TO-KNOW:

No applicable ingredient(s).

TSCA INVENTORY LIST:

Each ingredient is on the TSCA inventory list as ACTIVE.

CALIFORNIA:

Prop 65: No applicable ingredient(s).

ARB Designation: Not applicable.

VOC Limit: Not applicable.

HMIS®III: (higher numbers indicate higher risk)

Health, 3

Flammability, 4

Physical Hazard, 2

NFPA®: (higher numbers indicate higher risk)

Health, 3

Flammability, 3

Instability, 0

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SECTION 16. OTHER INFORMATION

REVISION: 3
REVISION DATE: May 31, 2021

REVISION PURPOSE:
Correction of document due to new information about ingredients.

GENERAL DISCLAIMER:

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

SDS AUTHORED BY:

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