Safety Data Sheet
acc. to OSHA HCS

Date of issue: 01/13/2026 Revised On 01/13/2026

1 Identification

Trade name: **CLEAR ENGINE CTG**
Other means of identification
Product code: EN00700000
Recommended use: Paint and coatings application.
Uses advised against: Any that differs from the recommended use.

2 Hazard(s) identification

Classification of the substance or mixture

Aerosols 1	H222-H229	Extremely flammable aerosol. Pressurized container: may burst if heated.
Eye irritation 2A	H319	Causes serious eye irritation.
Specific target organ toxicity (single exposure) 3	H336	May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure) 2	H373	May cause damage to organs through prolonged or repeated exposure.

Additional information:
GHS Hazard pictograms

GHS02 GHS07 GHS08

Signal word Danger

Hazard-determining components of labeling:
Acetone
methyl isobutyl ketone

Hazard statements
Extremely flammable aerosol. Pressurized container: may burst if heated.
Causes serious eye irritation.
May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.

Precautionary statements
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Do not breathe dust/fume/gas/mist/vapors/spray.
Avoid breathing fume/mist/vapors/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a poison center/doctor if you feel unwell.
Get medical advice/attention if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).
Dispose of contents/container in accordance with local/regional/national/international regulations.

Effects of chronic overexposure: May cause permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood. Intentional misuse by deliberately inhaling the contents may be harmful or fatal.

Classification according to (d)(1)(ii) of § 1910.1200
The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

Hazards not otherwise classified There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3 Composition/information on ingredients

Chemical characterization: Mixtures
Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

67-64-1	Acetone	25-50%
74-98-6	propane	15-25%
106-97-8	n-butane	5-10%
110-19-0	Isobutyl Acetate	5-10%
108-10-1	methyl isobutyl ketone	1-5%
107-87-9	Methyl Propyl Ketone	1-5%
2807-30-9	Glycol Ether EP	1-5%

4 First-aid measures

Description of first aid measures
After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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After swallowing: Rinse mouth with water. Do not induce vomiting.
Most important symptoms and effects: Dizziness
Indication of any immediate medical attention needed: No further relevant information available.

5 Fire-fighting measures

Extinguishing media
Extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray.
Special hazards: Can form explosive gas-air mixtures.
Protective equipment for firefighters: A respiratory protective device may be necessary.
Additional information Cool endangered receptacles with water spray.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use respiratory protective device against the effects of fumes/dust/aerosol.
Environmental precautions: Do not allow product to reach sewage systems or ground water.
Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material.

7 Handling and storage

Precautions for safe handling Use only in well ventilated areas.
Fire/explosion protection: Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

Conditions for safe storage:
Storage requirements: Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace: The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.

67-64-1 Acetone	
PEL	Long-term value: 2400 mg/m³, 1000 ppm
REL	Long-term value: 590 mg/m³, 250 ppm
TLV	Short-term value: 1187 mg/m³, 500 ppm Long-term value: 594 mg/m³, 250 ppm A4, BEI
74-98-6 propane	
PEL	Long-term value: 1800 mg/m³, 1000 ppm
REL	Long-term value: 1800 mg/m³, 1000 ppm
TLV	see Appendix F Minimal oxygen content (D, EX)
106-97-8 n-butane	
REL	Long-term value: 1900 mg/m³, 800 ppm
TLV	Short-term value: 2370 mg/m³, 1000 ppm (EX)
110-19-0 Isobutyl Acetate	
PEL	Long-term value: 700 mg/m³, 150 ppm
REL	Long-term value: 700 mg/m³, 150 ppm
TLV	Short-term value: 712 mg/m³, 150 ppm Long-term value: 238 mg/m³, 50 ppm
108-10-1 methyl isobutyl ketone	
PEL	Long-term value: 410 mg/m³, 100 ppm
REL	Short-term value: 300 mg/m³, 75 ppm Long-term value: 205 mg/m³, 50 ppm
TLV	Short-term value: 307 mg/m³, 75 ppm Long-term value: 82 mg/m³, 20 ppm BEI, A3
107-87-9 Methyl Propyl Ketone	
PEL	Long-term value: 700 mg/m³, 200 ppm
REL	Long-term value: 530 mg/m³, 150 ppm
TLV	Short-term value: 529 mg/m³, 150 ppm

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Ingredients with biological limit values:	
67-64-1 Acetone	
BEI	25 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
108-10-1 methyl isobutyl ketone	
BEI	1 mg/L Medium: urine Time: end of shift Parameter: MIBK

Exposure controls
Hygienic protection: Immediately remove all soiled and contaminated clothing.
Wash hands after use.
Do not eat or drink while working.
Breathing equipment: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a NIOSH approved respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.
Hand protection: Nitrile gloves.
The glove material must be impermeable and resistant to the substance.
Eye protection: Tightly sealed goggles

9 Physical and chemical properties

General Information:
Physical state Aerosol
Odor: Aromatic
Odor threshold: Not determined.
Melting point/Melting range Undetermined.
Boiling point: -44.5 °C (-48.1 °F)
Flammability: Extremely flammable.
Lower Explosion Limit: 1.7 Vol %
Upper Explosion Limit: 10.9 Vol %
Flash point: -19 °C (-2.2 °F)
Decomposition temperature: Not determined.
pH-value: Not determined.
Viscosity: Not determined.
Kinematic: Not determined.
Dynamic: Not determined.
Solubility: Not determined.
Vapor pressure: 40 PSI 2750 hPa
Vapor Pressure: 40 PSI, 2750 hPa
Relative Density: Between 0.77 and 0.85 (Water equals 1.00)
Vapor density Not determined.
Particle characteristics Not applicable.
Appearance: Aerosol.
Ignition temperature: Product is not self-igniting.
Danger of explosion: Stable at normal temperatures. Can may burst when exposed to temperatures exceeding 120 degrees fahrenheit.
In use, may form flammable/explosive vapour-air mixture.
Evaporation rate Not applicable.
Partition coefficient: n-octonal/water: Not determined.

10 Stability and reactivity

Conditions to avoid: Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
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: No dangerous decomposition products known.

11 Toxicological information

LD/LC50 values that are relevant for classification:		
110-19-0 Isobutyl Acetate		
Oral	LD50	4,763 mg/kg (rabbit)
108-10-1 methyl isobutyl ketone		
Oral	LD50	2,100 mg/kg (rat)
Dermal	LD50	16,000 mg/kg (rab)

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Inhalative	LC50/4 h	11 mg/l (ATE) 8.3-16.6 mg/l (rat)

Skin effects: No irritant effect.
Eye effects: Irritating effect.
Sensitization: No sensitizing effects known.
Aspiration hazard
Interactive effects No interactive effects between components are known.

IARC (International Agency for Research on Cancer)		
108-10-1	methyl isobutyl ketone	2B

NTP (National Toxicology Program)
None of the ingredients is listed.

Alternative sources for toxicological information No non-standard sources for toxicological information where used.

12 Ecological information

Toxicity
Aquatic toxicity: Hazardous for water, do not empty into drains.
Persistence and degradability: The product is degradable after prolonged exposure to natural weathering processes.
Other information: This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), per and polyfluoroalkyl substances (PFA's), or chlorinated solvents.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
Other adverse effects: No further relevant information available.

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.
Waste treatment methods
Recommendation: Completely empty cans should be recycled.
Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

UN-Number UN1950
DOT UN1950
UN proper shipping name:
DOT Aerosols, flammable
Transport hazard class(es):
Class 2.1 Gases
DOT
Packaging Group: --
Special precautions for user: Warning: Gases
EMS Number: F-D,S-U

15 Regulatory information

Reglamentación y legislación en materia de seguridad, salud y medio ambiente específicas para la sustancia o la mezcla
Toxic Substances Control Act (TSCA): All ingredients are found on the inventory list of substances.
Consumer Product Safety Comission (CPSC): This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

Hazardous Air Pollutants	
108-10-1	methyl isobutyl ketone
1330-20-7	xylene (mix)
136-52-7	cobalt bis(2-ethylhexanoate)
100-41-4	ethyl benzene

California Proposition 65 chemicals known to cause cancer:	
108-10-1	methyl isobutyl ketone
100-41-4	ethyl benzene

Prop 65 chemicals known to cause birth defects or reproductive harm:	
108-10-1	methyl isobutyl ketone

CANADIAN ENVIRONMENTAL PROTECTION ACT: All hazardous ingredients for this product appear on the Canadian Domestic Substance List.

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EPA:		
67-64-1	Acetone	I
110-19-0	Isobutyl Acetate	D
108-10-1	methyl isobutyl ketone	I

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

Precautionary statements
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Do not breathe dust/fume/gas/mist/vapors/spray.
Avoid breathing fume/mist/vapors/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Call a poison center/doctor if you feel unwell.
Get medical advice/attention if you feel unwell.
If eye irritation persists: Get medical advice/attention.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 122 °F (50 °C).
Dispose of contents/container in accordance with local/regional/national/international regulations.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This product was manufactured in the U.S.A.
The information on this sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact: Regulatory Affairs
Date of previous version 05/20/2025
Date of preparation 01/13/2026

Abbreviations and acronyms:
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EPA: Environmental Protection Agency
IARC: International Agency for the Research of Cancer
NIOSH: National Institute for Occupational Safety and Health
TSCA: Toxic Substances Control Act
CPSC: Consumer Product Safety Commission
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Aerosols 1: Aerosols – Category 1
Eye irritation 2A: Serious eye damage/eye irritation – Category 2A
Specific target organ toxicity (single exposure) 3: Specific target organ toxicity (single exposure) – Category 3
Specific target organ toxicity (repeated exposure) 2: Specific target organ toxicity (repeated exposure) – Category 2