

Material Safety Data Sheet:

1. Chemical product and company identification

Product Name EC-D EC-G

MSDS

Product Use Non-Chemical Gasoline Fuel Conditioner
Non-Chemical Diesel Fuel Conditioner

2. Chemical composition/Information on Ingredients

Ingredients C23 & C34 Fatty Acid Ester;
Fatty Alcohol % by weight >99.9%

3. Hazards identification

Physical State Amorphous Solid; Off White Clear Liquid
Colour White to Off White Solid; Off White Clear Liquid
Derivation This product is derived 100% from vegetable-based sources
Emergency Overview This product has been evaluated and does not require any hazard warning on the label under established regulatory criteria.
Routes of Entry Dermal Contact. Eye Contact. Inhalation. Ingestion
Potential Health Effects Dermal Contact. Eye Contact. Inhalation. Ingestion
Eyes Non significant health hazard identified
Skin Non significant health hazard identified
Inhalation Non significant health hazard identified
Ingestion Non significant health hazard identified
Medical Conditions aggravated by overexposure None identified

4. First aid measures

Eye Contact Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin Contact Remove contaminated clothing. Wash affected area thoroughly with soap and water.
Inhalation If inhaled, remove to fresh air. If breathing is difficult or other respiratory symptoms appear, get medical attention.
Ingestion If conscious, give large amounts of water. Get immediate medical attention.
Effects of Overexposure None expected.
Threshold Limit Acute oral toxicity LD50 not determined.

5. Fire fighting measures

Product flammability Combustible at High Temperature.
Auto-ignition temperature Not Applicable.
Flash Point Cleveland Open Cup AOCs: Tn Ia-64 ABOVE 160°C 320°F
Products of combustion CO, CO2.
Unusual Fire/Explosion Hazard None.
Fire-fighting procedures Treat in same manner as oil fire. Do not use direct solid water stream if material is burning in a container as frothing may occur.
Fire-extinguishing media Water spray, Foam, Carbon dioxide.

6. Stability and Reactivity

Stability and Reactivity This product is stable.
Conditions to Avoid Although the product is safe, Do Not ingest and keep out of the reach of children.
Incompatibility with various substances None identified
Hazardous decomposition products Products of combustion: carbon oxides (CO, CO2 - carbon monoxide, carbon dioxide) and Water (H2O)
Hazardous polymerization Will Not Occur.

7. Physical and Chemical Properties

Physical State Amorphous Solid; Off White Clear Liquid
Color White to Off White Solid; Off White Clear Liquid
Odor Bland to Odorless Conditions/Materials None to Avoid
Solubility in Water Insoluble Heat of combustion Not Available
Melting Point (Range) 38°C 101°F Boiling Point >175°C >350°F
Vapor Pressure/Density Not Determined Specific gravity @ 25°C 0.853 (H2O = 1.0)
% Volatility None Evaporation Rate Not Applicable
Stability Stable Hazardous Polymerization Will not occur

8. Accidental Release Procedures

Spillage or Leak Stop spill at source. Dike area of spill to prevent spreading. Wipe up, mop, or soak up with any porous and absorbent clay. Shovel up into disposable containers. Residue may be washed up with detergent and water or flushed down sanitary sewer.

9. Disposal

Disposal Discarded material should be deposited on approved landfill area or incinerated in compliance with federal and local regulations.

10. Handling and Storage

Handling Do not apply open flame to product. Use suitable protective equipment. After handling wash thoroughly with soap and water.

Storage Store product in a cool, dry area. If product melts, place in cool area until product returns to solid state.

11. Transport Information

Transport **Not classified as hazardous for transport (DOT, TMG, IMO/IMDG, and IATA/ICAO).**

12. Exposure Controls

Occupational Exposure Limits: None assigned.
 Control Measures: Use normal precautions to keep out of eyes and off skin. Provide adequate ventilation.
 Hygiene Measures: Wash hands, forearms, and face thoroughly with soap and water after handling prior to eating, using the lavatory, and at the end of the working period.
 Personal Protection:
 Eyes: Chemical/Dust Goggles.
 Skin/body: None required; however, use protective clothing is a good industrial practice.
 Respiratory: None required; however, use of adequate ventilation is a good industrial practice.
 Hands: None required; however, use of gloves is a good industrial practice. Neoprene coated gloves recommended.

13. Ecological information

Ecological information: The product is derived entirely from vegetable sources and is completely biodegradable. Inferences from the source of the substances used in the product suggest no negative ecological impact either from the storage, use, handling, or disposal of the product.
 Ecotoxicity: No testing has been performed by the manufacturer.

14. Toxicological information

Chronic Toxicity
 Carcinogenic Effects: No component of this product at levels greater than 0.1% is identified as a carcinogen by ACGIH or the International Agency for Research on Cancer (IARC). No component of this product at levels greater than 0.1% is identified as a carcinogen by the US National Toxicology Program (NTP) or the US Occupational Safety and Health Act (OSHA).
 Mutagenic Effects: No component of this product at levels greater than 0.1% is classified by established regulatory criteria as a mutagen.
 Reproductive Effects: No component of this product at levels greater than 0.1% is classified by established regulatory criteria as a reproduction toxin.
 Teratogenic Effects: No component of this product at levels greater than 0.1% is classified by established regulatory criteria as teratogenic or embryotoxic.

15. Regulatory information

US Federal Regulations: Toxic Substances Control Act (TCSA). Listed on Inventory. Product not regulated under Section 302 of SARA and 40 CFR Part 355. Product does not contain any hazardous ingredients at or above regulated thresholds.
 State Regulations: Product not regulated.
 California Proposition 65: Product not regulated.
**EPA Registration: EPA Registration - 40 CFR Part 79.23
 19 September 2006
 206020001 EC-G
 206020002 EC-D**
 SARA 313: Product does not contain any hazardous ingredients at or above regulated thresholds. Product not regulated under CERCLA Secs 103 and 107.

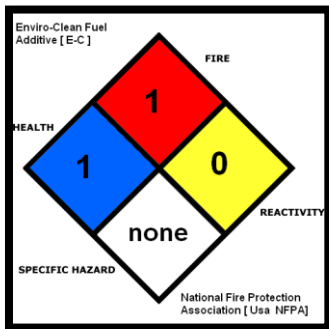
16. Other information

Label Requirements: The product has been evaluated and does not require a hazard warning on the label under established regulatory criteria.

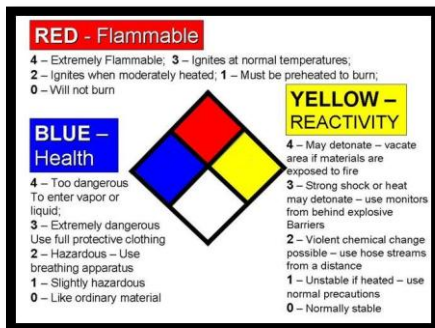
HMIS® Rating

Health	1
Flammability	1
Physical Hazard	0
Personal Protection	B

National Fire Protection Association (USA)



Instability 0
Fire Hazard 1
Health 1
Specific Hazard none



NOTICE: This Material Safety Data Sheet is based upon data considered to be accurate at the time of its preparation. Despite our best efforts, it may not be up to date or applicable to the circumstances of any particular case. We are not responsible for any damage or injury resulting from abnormal use, from failure to follow appropriate practices or from hazards inherent in the nature of the product.