

1. Product and Company Identification

Product Code: C290, C292
Product Name: Fuel Stabilizer
Company Name: CYCLO INDUSTRIES
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477
Phone Number: (800)843-7813

Web site address: www.cyclo.com
Email address: ehs@cyclo.com
Emergency Contact: CHEMTREC (800)424-9300
001 (703)741-5970

Intended Use:

2. Hazards Identification

Flammable Liquids, Category 4
Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2B
Carcinogenicity, Category 2
Aquatic Toxicity (Acute), Category 3
Aquatic Toxicity (Chronic), Category 2
Aspiration Toxicity, Category 1



GHS Signal Word:

Danger

GHS Hazard Phrases:

H226 - Flammable liquid and vapor.
H302 - Harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H312 - Harmful in contact with skin.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H351 - Suspected of causing cancer.
H373 - May cause damage to organs through prolonged or repeated exposure.
H411 - Toxic to aquatic life with long lasting effects.

GHS Precaution Phrases:

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source.
No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P243 - Take precautionary measures against static discharge.
P242 - Use only non-sparking tools.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.



SAFETY DATA SHEET

Fuel Stabilizer

GHS Response Phrases: P370+378 - In case of fire, use foam, alcohol foam, carbon dioxide, dry chemical or water fog to extinguish.
 P362+364 - Take off contaminated clothing and wash it before reuse.
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P303+361+353 - IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P309+311 - Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases: P403 - Store in well-ventilated place.
 P405 - Store locked up.
 P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
68476-34-6	Diesel #2	90.0 -100.0 %
128-39-2	Butyl phenol, (2,6-Di-t)	0.4 -0.8 %
94-91-7	Phenol,2,2'-(1-methyl-1,2-ethanediyl)bis(nitrilomet hylidyne)bis-	0.3 -0.6 %
1330-20-7	Xylene (mixed isomers)	0.5 -0.7 %
732-26-3	2,4,6-Tri-tert-butylphenol	0.06 -0.14 %
100-41-4	Ethylbenzene	0.05 -0.1 %
1319-77-3	Cresol (mixed isomers)	0.01 -0.05 %

4. First Aid Measures

Emergency and First Aid Procedures: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 IF ON SKIN (or hair): Remove/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.
 Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

Indication of any immediate medical attention and special treatment needed: Most important symptoms& effects both acute & delayed: Most important known symptoms & effects are described in the Labeling Section (see Section 2).



5. Fire Fighting Measures

Flash Pt: 61.00 C (141.8 F) Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: N.E. UEL: N.E.

Autoignition Pt: NE

Suitable Extinguishing Media: Dry chemical, CO2, water spray or alcohol-resistant foam.

Fire Fighting Instructions: Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: Oxides of carbon.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. Handling and Storage

Precautions To Be Taken in Handling: Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flams and other ignition source. No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Take precautionary measures against static discharge.
Use only non-sparking tools.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing must not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
Keep out of the reach of children.

Precautions To Be Taken in Storing: Store in cool/well-ventilated place. Store locked up.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
68476-34-6	Diesel #2	No data.	TLV: 100 mg/m3	No data.
128-39-2	Butyl phenol, (2,6-Di-t)	No data.	No data.	No data.
94-91-7	Phenol,2,2'-(1-methyl-1,2-ethanediy)bis-(nitrilomethylidyne)bis-	No data.	No data.	No data.
1330-20-7	Xylene (mixed isomers)	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	No data.
732-26-3	2,4,6-Tri-tert-butylphenol	No data.	No data.	No data.
100-41-4	Ethylbenzene	PEL: 100 ppm	TLV: 100 ppm STEL: 125 ppm	No data.
1319-77-3	Cresol (mixed isomers)	PEL: 5 ppm	TLV: 5 ppm	No data.



SAFETY DATA SHEET

Fuel Stabilizer

Revision: 01/03/2018
Supersedes Revision: 05/12/2014

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
68476-34-6	Diesel #2	Ontario, CA	TWA: 100 mg/m3 (Inhalable aerosol and vapor)	
1330-20-7	Xylene (mixed isomers)	Austria	TWA: 350 mg/m3 (80 ppm) STEL: 655 mg/m3 (150 ppm)	
		California, USA PELs	TWA: 435 mg/m3 (100 ppm) STEL: 655 mg/m3 (150 ppm) CEIL: 300 ppm	
		Ontario, CA	TWA: 100 ppm STEL: 150 ppm	
		China	TWA: 50 mg/m3 STEL: 100 mg/m3 (15 min)	
		Québec, CA	TWA: 434 mg/m3 (100 ppm) STEL: 651 mg/m3 (150 ppm)	
		Europe	TWA: 221 mg/m3 (50 ppm) STEL: 442 mg/m3 (100 ppm)	Skin Absorption
		Mexico OEL	TWA: 435 mg/m3 (100 ppm) STEL: ()	
		NIOSH	TWA: 100 ppm STEL: 150 ppm	
		New Zealand	TWA: 217 mg/m3 (50 ppm)	
100-41-4	Ethylbenzene	Austria	TWA: 434 mg/m3 (100 ppm) STEL: 543 mg/m3 (125 ppm)	
		California, USA PELs	TWA: 100 ppm STEL: 125 ppm TWA: 22 mg/m3 (5 ppm) STEL: 130 mg/m3 (30 ppm)	
		Ontario, CA	TWA: 100 ppm STEL: 125 ppm	
		China	TWA: 100 mg/m3 STEL: 150 mg/m3 (15 min)	
		Québec, CA	TWA: 434 mg/m3 (100 ppm) STEL: 543 mg/m3 (125 ppm)	
		Europe	TWA: 442 mg/m3 (100 ppm) STEL: 884 mg/m3 (200 ppm)	Skin Absorption
		Mexico OEL	TWA: 435 mg/m3 (100 ppm) STEL: 545 mg/m3 (125 ppm)	
		NIOSH	TWA: 435 mg/m3 (100 ppm) STEL: 545 mg/m3 (125 ppm) (15 min)	
		New Zealand	TWA: 434 mg/m3 (100 ppm) STEL: 543 mg/m3 (125 ppm)	
1319-77-3	Cresol (mixed isomers)	Austria	TWA: 22 mg/m3 (5 ppm) STEL: ()	Skin Absorption
		California, USA PELs	TWA: 22 mg/m3 (5 ppm)	Skin Absorption
		Ontario, CA	TWA: 5 ppm	
		China	TWA: 10 mg/m3	
		Québec, CA	TWA: 22 mg/m3 (5 ppm)	
		Europe	TWA: 22 mg/m3 (5 ppm)	
		Mexico OEL	TWA: 22 mg/m3 (5 ppm) STEL: ()	Skin Absorption
		NIOSH	TWA: 2.3 ppm	Skin Absorption
		New Zealand	TWA: 22 mg/m3 (5 ppm)	



Respiratory Equipment (Specify Type):	NIOSH/MSHA approved respirator when exposure is expected to exceed applicable limits.
Eye Protection:	Safety goggles or safety glasses with side shields.
Protective Gloves:	Chemical resistant gloves.
Other Protective Clothing:	Clothes to prevent skin contact.
Engineering Controls (Ventilation etc.):	Local exhaust ventilation as necessary to maintain exposures within applicable limits.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear red liquid with mild petroleum odor.
pH:	NE
Melting Point:	NE
Boiling Point:	NE
Flash Pt:	61.00 C (141.8 F) Method Used: Pensky-Marten Closed Cup
Evaporation Rate:	NE
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: N.E. UEL: N.E.
Vapor Pressure (vs. Air or mm Hg):	< 2 MM_HG at 20.0 C (68.0 F)
Vapor Density (vs. Air = 1):	NE
Specific Gravity (Water = 1):	~ 0.851 at 75.0 F (23.9 C)
Density:	6.9875 LB/GA
Solubility in Water:	NE
Saturated Vapor Concentration:	NE
Octanol/Water Partition Coefficient:	No data.
Percent Volatile:	10.0 % by weight.
Autoignition Pt:	NE
Decomposition Temperature:	NE
Viscosity:	water thin at 25.0 C (77.0 F)

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Keep away from heat, sparks & flame.
Incompatibility - Materials To Avoid:	Strong oxidizers.
Hazardous Decomposition or Byproducts:	Oxides of carbon.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.



11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
68476-34-6	Diesel #2	n.a.	2B	A3	n.a.
128-39-2	Butyl phenol, (2,6-Di-t-)	n.a.	n.a.	n.a.	n.a.
94-91-7	Phenol,2,2'-(1-methyl-1,2-ethanediy)bis(nitrilomethylidyne)bis-	n.a.	n.a.	n.a.	n.a.
1330-20-7	Xylene (mixed isomers)	n.a.	3	A4	n.a.
732-26-3	2,4,6-Tri-tert-butylphenol	n.a.	n.a.	n.a.	n.a.
100-41-4	Ethylbenzene	n.a.	2B	A3	n.a.
1319-77-3	Cresol (mixed isomers)	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not-Regulated.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not-Regulated.

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not-Regulated.

UN Number:

Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not-Regulated.

UN Number:

Hazard Class:

Packing Group:

IMDG MFAG Number:

IMDG EMS Page:

Marine Pollutant:

No

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not-Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
68476-34-6	Diesel #2	No	No	No
128-39-2	Butyl phenol, (2,6-Di-t-)	No	No	No
94-91-7	Phenol,2,2'-(1-methyl-1,2-ethanediy)bis(nitrilomet hyldyne)bis-	No	No	No
1330-20-7	Xylene (mixed isomers)	No	Yes 100 LB	Yes



SAFETY DATA SHEET

Fuel Stabilizer

Revision: 01/03/2018
Supersedes Revision: 05/12/2014

732-26-3	2,4,6-Tri-tert-butylphenol	No	No	No
100-41-4	Ethylbenzene	No	Yes 1000 LB	Yes
1319-77-3	Cresol (mixed isomers)	No	Yes 100 LB	Yes

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

68476-34-6	Diesel #2	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; FIFRA: Yes - Active - 063514; FDA/DEA CSA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
128-39-2	Butyl phenol, (2,6-Di-t-)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8D TERM; FIFRA: No; FDA/DEA CSA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
94-91-7	Phenol,2,2'-(1-methyl-1,2-ethanediy)bis(nitrilomet hylidyne)bis-	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; FIFRA: Yes - Inert: NF; FDA/DEA CSA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
1330-20-7	Xylene (mixed isomers)	CAA HAP,ODC: HAP: VHAP; CWA NPDES: Yes; TSCA: Yes - Inventory; FIFRA: Yes - Active - 086802: Am/Bio/CC, Inert: F/NF/Fr; FDA/DEA CSA: No; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIa, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR - 44, Part 5; NC TAP: Yes: NC TAP; NJ EHS: Yes - 2014; NY Part 597: Yes: HS; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes		
732-26-3	2,4,6-Tri-tert-butylphenol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; FIFRA: No; FDA/DEA CSA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
100-41-4	Ethylbenzene	CAA HAP,ODC: HAP: VHAP; CWA NPDES: Yes; TSCA: Yes - Inventory; FIFRA: Yes - Inert: NF; FDA/DEA CSA: No; CA PROP.65: Yes: Canc.; CA TAC, Title 8: TAC: Cat. IIa, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes: US HAP; NJ EHS: Yes - 0851; NY Part 597: Yes: HS; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes		
1319-77-3	Cresol (mixed isomers)	CAA HAP,ODC: HAP: VHAP; CWA NPDES: Yes; TSCA: Yes - Inventory; FIFRA: Yes - Active - 022101: Am/CC; FDA/DEA CSA: No; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIa, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes: NC TAP; NJ EHS: Yes - 0537; NY Part 597: Yes: HS; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes		

CAS # Hazardous Components (Chemical Name)

International Regulatory Lists

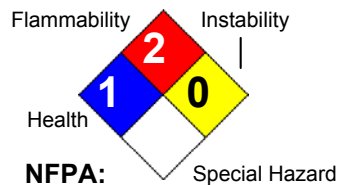
68476-34-6	Diesel #2	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 9-1700; Japan ISHL: No; Korea ECL: Yes - KE-17287; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; REACH: Yes - (R): Full, (P)
128-39-2	Butyl phenol, (2,6-Di-t-)	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 3-526; Japan ISHL: No; Korea ECL: Yes - KE-03085; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; REACH: Yes - (R): Full, (P)

94-91-7	Phenol,2,2'-(1-methyl-1,2-ethanediy)bis(nitrlomet hlydine)bis-	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: No; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 3-513; Japan ISHL: No; Korea ECL: Yes - KE-23932; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; REACH: Yes - (R): Full, (P)
1330-20-7	Xylene (mixed isomers)	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 3-60; Japan ISHL: No; Korea ECL: Yes - KE-35427; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; REACH: Yes - (R): Full, (P)
732-26-3	2,4,6-Tri-tert-butylphenol	Canadian DSL: Yes - S: Part 2; Canadian NDSL: No; Mexico INSQ: No; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 3-540; Japan ISHL: No; Korea ECL: Yes - KE-34806; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; REACH: Yes - (R): Full, (P)
100-41-4	Ethylbenzene	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes - 1175; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 3-60; Japan ISHL: No; Korea ECL: Yes - KE-13532; Philippines ICCS: Yes; Taiwan TCSCA: 116-01 (4); Singapore HSL: No; REACH: Yes - (R): Full, (P)
1319-77-3	Cresol (mixed isomers)	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 4-57; Japan ISHL: No; Korea ECL: Yes - KE-24791; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: Yes - 29071200; REACH: Yes - (R): Full, (P)

16. Other Information

Revision Date: 01/03/2018

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or Disclaimer:

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