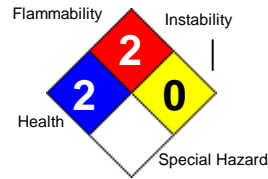




MATERIAL SAFETY DATA SHEET

Diesel Fuel Treatment

CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477



Revision: 01/27/2012
Supersedes Revision: 10/06/2010
Date Created: 10/06/2010

1. Product and Company Identification

Product Code: C-24

Product Name: Diesel Fuel Treatment

Manufacturer Information

Company Name: CYCLO INDUSTRIES, INC.

Phone Number: (800)843-7813

Fax Number: (561)745-3867

Emergency Contact: First Aid Emergency (800)222-1222

Alternate Emergency Contact: Chemtrec (703) 527-3887 (800)424-9300

Information: First Aid Emergency (Outside U.S.) (312)906-6194

Web site address: www.cyclo.com

Email address: ehs@cyclo.com

2. Hazards Identification

Emergency Overview

DANGER: Flammable. Flash fire hazard. Vapor may cause flash fire. Harmful or fatal if swallowed. Vapor harmful. Eye & skin irritant.

Potential Health Effects (Acute and Chronic)

Eyes: May cause burning, irritation and discomfort. May cause blurred vision.

Skin Contact: Contact may cause irritation and burning. Prolonged contact may cause severe irritation or dermatitis. May cause skin sensitization with continuous prolonged or extended contact.

Inhalation: Vapor may cause dizziness, nausea, vomiting and headache. Mist may cause breathing problems.

Ingestion: May result in vomiting. Aspiration of liquid into lungs must be avoided. Do not induce vomiting. Small amount of liquid aspirated into lungs may cause injury, chemical pneumonia possibly leading to death. Prolonged exposure may cause skin irritation or dermatitis, kidney, liver and blood problems.

Signs and Symptoms Of Exposure

No data available.

Medical Conditions Generally Aggravated By Exposure

Pre-existing skin, respiratory or other disorders may be aggravated.

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Diesel fuel	68334-30-5	75.0 -85.0 %
2. SC-100 Solvent	64742-95-6	< 6.0 %
3. 1,2,4-Trimethylbenzene	95-63-6	< 5.0 %
4. Naphthalene	91-20-3	< 2.0 %
5. Ethylbenzene	100-41-4	3.0 -6.0 %



MATERIAL SAFETY DATA SHEET

Diesel Fuel Treatment

Page: 2

Revision: 01/27/2012

Supersedes Revision: 10/06/2010

Hazardous Components (Chemical Name)	CAS #	Concentration
6. Vinyl acetate	108-05-4	< 1.0 %

4. First Aid Measures

Emergency and First Aid Procedures

If swallowed, do not induce vomiting. If inhaled, remove to fresh air. Give artificial respiration if needed. In case of eye contact, flush with large amounts of water for 15 minutes. In case of skin contact, remove contaminated clothing. Wash affected area with soap and water. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flash Pt: 54.00 C (129.2 F) Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data available.

Fire Fighting Instructions

Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Avoid spraying water directly into storage containers due to danger of boil over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode. Combustible fluids can form combustible mixtures at temperatures at or above the flashpoint. Toxic gases will form upon combustion. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Use self-contained breathing apparatus. Do not use solid stream of water, since stream will scatter and spread fire.

Flammable Properties and Hazards

No data available.

Hazardous Combustion Products

Carbon monoxide and dioxide, partially burnt hydrocarbon gas.

Suitable Extinguishing Media

Carbon dioxide, foam, dry chemical or water spray.

Unsuitable Extinguishing Media

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills, implement cleanup procedure. For large spills, implement cleanup procedures, keep public away and advise authorities. Prevent liquid from entering sewers, waterways or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent. If liquid is too viscous for pumping, scrape up. Remove from water surfaces by skimming or with suitable absorbents.

7. Handling and Storage

Precautions To Be Taken in Handling

Use proper grounding procedures. Rinse immediately if in contact with eyes, on skin, or clothing. Do not take internally. Wash thoroughly after handling. Avoid breathing mist or vapor. Use only with adequate ventilation. Keep out of the reach of children.

Precautions To Be Taken in Storing

Keep container closed. Handle open containers with care. Store in a cool, well-ventilated place away from incompatible materials. Do not handle or store near an open flame, heat or other ignition sources. Protect material from direct sunlight.



MATERIAL SAFETY DATA SHEET

Diesel Fuel Treatment

Other Precautions

Use explosion proof machinery. Assure grounding and bonding of containers is done before use of products to help prevent possible static build-up.

8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TWA	Other Limits
1. Diesel fuel	68334-30-5	No data.	TLV: 100 mg/m3	No data.
2. SC-100 Solvent	64742-95-6	No data.	No data.	No data.
3. 1,2,4-Trimethylbenzene	95-63-6	No data.	No data.	No data.
4. Naphthalene	91-20-3	PEL: 10 ppm	TLV: 10 ppm STEL: 15 ppm	No data.
5. Ethylbenzene	100-41-4	PEL: 100 ppm	TLV: 100 ppm STEL: 125 ppm	No data.
6. Vinyl acetate	108-05-4	No data.	TLV: 10 ppm STEL: 15 ppm	No data.

Respiratory Equipment (Specify Type)

Assure adequate ventilation to keep oil mists under safe limits. When necessary, wear proper NIOSH approved respirators or SCBA.

Eye Protection

Safety glasses should be adequate protection under most conditions of use. Wear goggles and/or face shield if splashing or spraying is likely. Have suitable eye wash water available.

Protective Gloves

Wear impervious protective gloves, such as Nitrile, Neoprene or PVA.

Other Protective Clothing

Avoid prolonged or repeated skin exposure. Chemicals in mixture can be absorbed through the skin, so prevent contact by wearing impervious protective clothing and long sleeves.

Engineering Controls (Ventilation etc.)

Required when spraying or using at elevated temperatures that may generate oil mists. Use explosion proof ventilation system.

Work/Hygienic/Maintenance Practices

Wash hands with plenty of soap and water before eating, drinking, smoking, or using toilet facilities. Take shower after work if general skin contact occurs. Remove oil soaked clothing and launder before reuse. Launder or discard contaminated leather gloves and shoes.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Melting Point:	No data.
Boiling Point:	291.00 F (143.9 C) - 302.00 F (150.0 C)
Autoignition Pt:	No data.
Flash Pt:	54.00 C (129.2 F) Method Used: Pensky-Marten Closed Cup
Specific Gravity (Water = 1):	~ 0.845 at 60.0 F (15.6 C)
Vapor Pressure (vs. Air or mm Hg):	< 5 at 100.0 F (37.8 C)
Vapor Density (vs. Air = 1):	No data.
Evaporation Rate (vs Butyl Acetate=1):	No data.
Solubility in Water:	Negligible
Percent Volatile:	10.0 % by weight.



Appearance and Odor

Light to colored liquid with hydrocarbon odor.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

Excessive heat, sources of ignition, strong oxidizers.

Incompatibility - Materials To Avoid

Strong oxidizing agents.

Hazardous Decomposition Or Byproducts

Carbon monoxide and unidentified organic compounds may be formed during combustion.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions

No data available.

11. Toxicological Information

No data available.

Chronic Toxicological Effects

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Diesel fuel	68334-30-5	n.a.	2B	A3	n.a.
2. SC-100 Solvent	64742-95-6	n.a.	n.a.	n.a.	n.a.
3. 1,2,4-Trimethylbenzene	95-63-6	n.a.	n.a.	n.a.	n.a.
4. Naphthalene	91-20-3	Possible	2B	A4	n.a.
5. Ethylbenzene	100-41-4	n.a.	2B	A3	n.a.
6. Vinyl acetate	108-05-4	n.a.	2B	A3	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method

Disposal should be made in accordance with federal, state and local regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name: Flammable Liquid, n.o.s. (Clear Diesel Fuel, 1,2,4 Trimethylbenzene, Solvent Naptha, Naphthalene, Vinyl Acetate)

DOT Hazard Class: 3

DOT Hazard Label: FLAMMABLE LIQUID

UN/NA Number: UN1993

Packing Group: III

MARINE TRANSPORT (IMDG/IMO)

IMDG/IMO Shipping Name: Flammable Liquid, n.o.s. (Clear Diesel Fuel, 1,2,4 Trimethylbenzene, Solvent Naptha, Naphthalene, Vinyl Acetate)

UN Number: 1993

Hazard Class: 3 - FLAMMABLE LIQUID

Packing Group: III



MATERIAL SAFETY DATA SHEET

Diesel Fuel Treatment

IMDG Classification: 3

Additional Transport Information

No data available.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Diesel fuel	68334-30-5	No	No	No	No
2. SC-100 Solvent	64742-95-6	No	No	No	No
3. 1,2,4-Trimethylbenzene	95-63-6	No	No	Yes	No
4. Naphthalene	91-20-3	No	Yes 100 LB	Yes	Yes
5. Ethylbenzene	100-41-4	No	Yes 1000 LB	Yes	Yes
6. Vinyl acetate	108-05-4	Yes 1000 LB	Yes 5000 LB	Yes	No

Other US EPA or State Lists

Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
1. Diesel fuel	68334-30-5	No	No	Inventory	No
2. SC-100 Solvent	64742-95-6	No	No	Inventory	No
3. 1,2,4-Trimethylbenzene	95-63-6	No	No	Inventory, 4 Test	No
4. Naphthalene	91-20-3	HAP	Yes	Inventory, 8A PAIR	Yes
5. Ethylbenzene	100-41-4	HAP	Yes	Inventory, 4 Test	Yes
6. Vinyl acetate	108-05-4	HAP	Yes	Inventory	No

Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
1. Diesel fuel	68334-30-5	No	No	No	No
2. SC-100 Solvent	64742-95-6	No	No	No	No
3. 1,2,4-Trimethylbenzene	95-63-6	TAC	Yes	No	No
4. Naphthalene	91-20-3	TAC, Title 8	Yes	Part 5	Yes
5. Ethylbenzene	100-41-4	TAC, Title 8	Yes	Part 5	Yes
6. Vinyl acetate	108-05-4	TAC, Title 8	Yes	Part 5	Yes

Hazardous Components (Chemical Name)	CAS #	NJ EHS	NY Part 597	PA HSL	SC TAP
1. Diesel fuel	68334-30-5	No	No	No	No
2. SC-100 Solvent	64742-95-6	No	No	No	No
3. 1,2,4-Trimethylbenzene	95-63-6	Yes - 2716	No	Yes - E	No
4. Naphthalene	91-20-3	Yes - 1322	Yes	Yes - E	Yes
5. Ethylbenzene	100-41-4	Yes - 0851	Yes	Yes - E	Yes
6. Vinyl acetate	108-05-4	Yes - 1998	Yes	Yes - E	Yes

Hazardous Components (Chemical Name)	CAS #	WI Air
1. Diesel fuel	68334-30-5	No
2. SC-100 Solvent	64742-95-6	No
3. 1,2,4-Trimethylbenzene	95-63-6	No
4. Naphthalene	91-20-3	Yes
5. Ethylbenzene	100-41-4	Yes
6. Vinyl acetate	108-05-4	Yes

International Regulatory Lists

Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
1. Diesel fuel	68334-30-5	Yes	No	No
2. SC-100 Solvent	64742-95-6	Yes	No	No
3. 1,2,4-Trimethylbenzene	95-63-6	Yes	No	No
4. Naphthalene	91-20-3	Yes	No	No
5. Ethylbenzene	100-41-4	Yes	No	No
6. Vinyl acetate	108-05-4	Yes	No	No



MATERIAL SAFETY DATA SHEET

Diesel Fuel Treatment

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

- Sec.302:** EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
- Sec.304:** EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
- Sec.313:** EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
- Sec.110:** EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control Act) Lists:

- Inventory:** Chemical Listed in the TSCA Inventory.
- 5A(2):** Chemical Subject to Significant New Rules (SNURS)
- 6A:** Commercial Chemical Control Rules
- 8A:** Toxic Substances Subject To Information Rules on Production
- 8A CAIR:** Comprehensive Assessment Information Rules - (CAIR)
- 8A PAIR:** Preliminary Assessment Information Rules - (PAIR)
- 8C:** Records of Allegations of Significant Adverse Reactions
- 8D:** Health and Safety Data Reporting Rules
- 8D TERM:** Health and Safety Data Reporting Rule Terminations
- 12(b):** Notice of Export

Other Important Lists:

- CWA NPDES:** EPA Clean Water Act NPDES Permit Chemical
- CAA HAP:** EPA Clean Air Act Hazardous Air Pollutant
- CAA ODC:** EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
- CA PROP 65:** California Proposition 65
- CA TAC:** California AB 1807 - Toxic Air Contaminants
- CA Title 8:** California Hazardous Substances List: Title 8, Sec. 339
- MI CMR:** Michigan Critical Materials Register
- MI Part 5:** Michigan DEQ WRP Part 5 Pollutants List
- NC TAP:** North Carolina Toxic Air Pollutants
- NJ EHS:** New Jersey Environmental Hazardous Substances List
- NY Part 597:** New York Part 597 List of Hazardous Substances
- PA HSL:** Pennsylvania Hazardous Substances List
- SC TAP:** South Carolina Toxic Air Pollutants
- WI Air:** Wisconsin Reportable Air Contaminants

International Regulatory Lists:

- Canadian DSL:** Canada Domestic Substances List
- Canadian NDSL:** Canada Non-Domestic Substances List
- Taiwan TCSCA:** Taiwan Toxic Chemical Substances Control Act of 1986



16. Other Information

Company Policy or Disclaimer

Cyclo Industries, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. Cyclo Industries, Inc. makes no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, Cyclo Industries, Inc. will not be responsible for damages resulting from use of or reliance upon this information.