

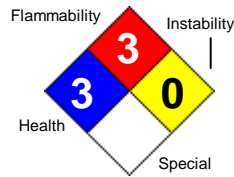


MATERIAL SAFETY DATA SHEET

Foaming Motorcycle Degreaser

CYCLO INDUSTRIES, INC.
401 MAPLEWOOD DRIVE
SUITE 18
JUPITER, FL 33458

HEALTH		2
FLAMMABILITY		4
PHYSICAL HAZ.		2
PPE		



Revision: 12/07/2009

Date Created: 12/07/2009

1. Product and Company Identification

Product Code:	C-5650
Product Name:	Foaming Motorcycle Degreaser
Manufacturer Information	
Company Name:	CYCLO INDUSTRIES, INC.
Phone Number:	(800)843-7813
Fax Number:	(561)745-3867
Emergency Contact:	First Aid Emergency (800)752-7869
Alternate Emergency Contact:	Shipping Emergency (Chemtrec) (800)424-9300
Information:	Emergency (Outside the U.S.) (312)906-6194
Web site address:	www.cyclo.com

2. Hazards Identification

Emergency Overview

Contents under pressure. Keep away from heat, sparks and flame. Causes respiratory irritation. Possible redness and defatting may result from prolonged skin exposure to this material. Ingestion of this product may cause gastrointestinal distress with symptoms of nausea, vomiting, diarrhea and abdominal pain. Gross inhalation or overexposure may cause: respiratory track irritation, kidney damage, blood, liver damage, lung damage and central nervous system depression. Causes moderate eye irritation. This material is a skin irritant.

Health Hazards (Acute and Chronic)

No data available.

Signs and Symptoms Of Exposure

No data available.

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Butane	106-97-8	< 3.0 %
2. Ethanol, 2-Butoxy-	111-76-2	<11.0 %
3. NP-9 Surfactant	NA	< 4.0 %
4. Distillates, Petroleum, catalytic reformer fractionator resi	68477-31-6	<12.0 %
5. Propane	74-98-6	< 3.0 %
6. Alcohols, C7-9-iso-, C8-rich, ethoxylated	78330-19-5	< 7.0 %
7. NP-4 Surfactant	NA	< 2.0 %
8. DeTrobe CA-100 Mixture	NA	< 2.0 %

4. First Aid Measures

Emergency and First Aid Procedures

In case of eye contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes. Ingestion: Get immediate medical attention. Induce vomiting immediately as directed by medical personnel. Never give fluids or induce vomiting if victim is unconscious or having convulsions. If vomiting occurs, keep head lower than hips to prevent aspiration. If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Wash skin with soap and water for 15 minutes. Remove contaminated clothing and shoes and launder before reuse. Call physician immediately if adverse reaction occurs.



5. Fire Fighting Measures

Flash Pt: -156.00 F (-104.4 C) Method Used: TAG Closed Cup
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: 842.00 F (450.0 C)

Special Fire Fighting Procedures

Wear NIOSH approved positive-pressure self-contained breathing apparatus and protective clothing. Vapor may cause flash fire.

Unusual Fire and Explosion Hazards

No data available.

Hazardous Combustion Products

Carbon dioxide. Carbon monoxide.

Suitable Extinguishing Media

Dry chemical. Carbon dioxide. Use water spray to keep containers cool that are exposed to heat or flames. Foam.

Unsuitable Extinguishing Media

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Contain any liquid from leaking containers. Avoid all sources of ignition: heat, sparks and open flames. Do not puncture or incinerate container. Contents under pressure. Wear proper protective equipment as specified in the protective equipment section. Leaking containers should be removed to an isolated, well ventilated area and transferred to other suitable containers. Wipe, scrape, or soak up in an inert material and put in a container intended for flammable materials for disposal. Do not allow to enter sanitary drains, sewer or surface and subsurface waters. Keep out of lakes, ponds or streams.

7. Handling and Storage

Precautions To Be Taken in Handling

Use only in a well ventilated area. Avoid breathing vapors. If exposed to high vapor concentration, leave area at once. Avoid contact with skin and eyes. Keep out of the reach of children.

Precautions To Be Taken in Storing

Caution: contents under pressure. Keep away from heat and open flame. Do not puncture, incinerate or store above 120 degrees F. Exposure to high temperatures may cause bursting. DO NOT store in the passenger compartment of an automobile.

8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Butane	106-97-8	No data.	(800 ppm)	No data.
2. Ethanol, 2-Butoxy-	111-76-2	50 ppm	20 ppm	No data.
3. NP-9 Surfactant	NA	No data.	No data.	No data.
4. Distillates, Petroleum, catalytic reformer fractionator resi	68477-31-6	No data.	No data.	No data.
5. Propane	74-98-6	1000 ppm	(2500 ppm)	No data.
6. Alcohols, C7-9-iso-, C8-rich, ethoxylated	78330-19-5	No data.	No data.	No data.
7. NP-4 Surfactant	NA	No data.	No data.	No data.
8. DeTrobe CA-100 Mixture	NA	No data.	No data.	No data.

Respiratory Equipment (Specify Type)

Use in a well ventilated area. Local exhaust ventilation as necessary to maintain exposures to within applicable limits. NIOSH/MSHA approved respirator when exposure is expected to exceed applicable limits.



Eye Protection

Chemical goggles; also wear a face shield if splashing hazard exists.

Protective Gloves

Chemical resistant gloves.

Other Protective Clothing

Protective clothing as necessary to prevent skin contact.

Ventilation

No data available.

9. Physical and Chemical Properties

Physical States:	[] Gas	[X] Liquid	[] Solid
Melting Point:	NE		
Boiling Point:	NE		
Autoignition Pt:	842.00 F (450.0 C)		
Flash Pt:	-156.00 F (-104.4 C) Method Used: TAG Closed Cup		
Explosive Limits:	LEL: No data.		UEL: No data.
Specific Gravity (Water = 1):	.98@60F		
Bulk density:	No data.		
Vapor Pressure (vs. Air or mm Hg):	NE		
Vapor Density (vs. Air = 1):	NE		
Evaporation Rate (vs Butyl Acetate=1):	NE		
Solubility in Water:	No data.		
Percent Volatile:	NE		
Viscosity:	NE		
Heat Value:	No data.		
Particle Size:	No data.		
Corrosion Rate:	No data.		
pH:	9.0		

Appearance and Odor

Colorless to light yellow liquid. Slight alcohol odor.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

Keep away from heat, sparks and flame. Avoid any source of ignition. Do not expose to heat or store at temperatures above 120 degrees F.

Incompatibility - Materials To Avoid

Contact with oxidizing agents.

Hazardous Decomposition Or Byproducts

Carbon dioxide, oxides of nitrogen, carbon monoxide.

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

Conditions To Avoid - Hazardous Reactions

No data available.

11. Toxicological Information

No data available.

Carcinogenicity/Other Information

No data available.



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Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Butane	106-97-8	n.a.	n.a.	n.a.	n.a.
2. Ethanol, 2-Butoxy-	111-76-2	n.a.	n.a.	A3	n.a.
3. NP-9 Surfactant	NA	n.a.	n.a.	n.a.	n.a.
4. Distillates, Petroleum, catalytic reformer fractionator resi	68477-31-6	n.a.	n.a.	n.a.	n.a.
5. Propane	74-98-6	n.a.	n.a.	n.a.	n.a.
6. Alcohols, C7-9-iso-, C8-rich, ethoxylated	78330-19-5	n.a.	n.a.	n.a.	n.a.
7. NP-4 Surfactant	NA	n.a.	n.a.	n.a.	n.a.
8. DeTrobe CA-100 Mixture	NA	n.a.	n.a.	n.a.	n.a.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

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	ORM-D
DOT Hazard Label:	None
UN/NA Number:	UN1950
DOT Hazard Class:	9

MARINE TRANSPORT (IMDG/IMO)

IMDG/IMO Proper Shipping Name	Aerosols, Ltd Qty
UN Number:	1950
IMDG Classification:	2.1

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. Butane	106-97-8	No	No	No	No
2. Ethanol, 2-Butoxy-	111-76-2	No	No	Yes-Cat. N230	No
3. NP-9 Surfactant	NA	No	No	No	No
4. Distillates, Petroleum, catalytic reformer fractionator resi	68477-31-6	No	No	No	No
5. Propane	74-98-6	No	No	No	No
6. Alcohols, C7-9-iso-, C8-rich, ethoxylated	78330-19-5	No	No	No	No
7. NP-4 Surfactant	NA	No	No	No	No
8. DeTrobe CA-100 Mixture	NA	No	No	No	No

Other US EPA or State Lists

Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
1. Butane	106-97-8	No	No	Inventory	No
2. Ethanol, 2-Butoxy-	111-76-2	No	No	Inventory	No
3. NP-9 Surfactant	NA	No	No	No	No
4. Distillates, Petroleum, catalytic reformer fractionator resi	68477-31-6	No	No	Inventory	No
5. Propane	74-98-6	No	No	Inventory	No
6. Alcohols, C7-9-iso-, C8-rich, ethoxylated	78330-19-5	No	No	Inventory	No



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Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
7. NP-4 Surfactant	NA	No	No	No	No
8. DeTrobe CA-100 Mixture	NA	No	No	No	No
Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
1. Butane	106-97-8	Title 8	Yes	No	No
2. Ethanol, 2-Butoxy-	111-76-2	TAC, Title 8	Yes	No	No
3. NP-9 Surfactant	NA	No	No	No	No
4. Distillates, Petroleum, catalytic reformer fractionator resi	68477-31-6	No	No	No	No
5. Propane	74-98-6	No	Yes	No	No
6. Alcohols, C7-9-iso-, C8-rich, ethoxylated	78330-19-5	No	No	No	No
7. NP-4 Surfactant	NA	No	No	No	No
8. DeTrobe CA-100 Mixture	NA	No	No	No	No
Hazardous Components (Chemical Name)	CAS #	NJ EHS	NY Part 597	PA HSL	SC TAP
1. Butane	106-97-8	0273	No	Yes - 1	No
2. Ethanol, 2-Butoxy-	111-76-2	0275	No	Yes - 1	No
3. NP-9 Surfactant	NA	No	No	Yes - No	No
4. Distillates, Petroleum, catalytic reformer fractionator resi	68477-31-6	No	No	Yes - No	No
5. Propane	74-98-6	1594	No	Yes - 1	No
6. Alcohols, C7-9-iso-, C8-rich, ethoxylated	78330-19-5	No	No	Yes - No	No
7. NP-4 Surfactant	NA	No	No	Yes - No	No
8. DeTrobe CA-100 Mixture	NA	No	No	Yes - No	No
Hazardous Components (Chemical Name)	CAS #	WI Air			
1. Butane	106-97-8	No			
2. Ethanol, 2-Butoxy-	111-76-2	Yes			
3. NP-9 Surfactant	NA	No			
4. Distillates, Petroleum, catalytic reformer fractionator resi	68477-31-6	No			
5. Propane	74-98-6	No			
6. Alcohols, C7-9-iso-, C8-rich, ethoxylated	78330-19-5	No			
7. NP-4 Surfactant	NA	No			
8. DeTrobe CA-100 Mixture	NA	No			

International Regulatory Lists

Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
1. Butane	106-97-8	No	No	No
2. Ethanol, 2-Butoxy-	111-76-2	No	No	No
3. NP-9 Surfactant	NA	No	No	No
4. Distillates, Petroleum, catalytic reformer fractionator resi	68477-31-6	No	No	No
5. Propane	74-98-6	No	No	No
6. Alcohols, C7-9-iso-, C8-rich, ethoxylated	78330-19-5	No	No	No
7. NP-4 Surfactant	NA	No	No	No
8. DeTrobe CA-100 Mixture	NA	No	No	No

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

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