

MATERIAL SAFETY DATA SHEET

Goof Off Cleaner VOC Compliant

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1. Product and Company Identification

Product Code: 2410
Product Name: Goof Off Cleaner VOC Compliant
Manufacturer Information
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892
Web site address: www.wmbarr.com
Preparer Name: W.M. Barr EHS Dept (901)775-0100
Intended Use: Multi-Purpose Remover for grease, tar, ink, paint, adhesive, etc.
Synonyms

FG603, FG612, FG631, FG650, FG651, FG653, FG654, FG656, FG657, FG683, FG653Temp, FG656Temp, FG654Temp, FG612Temp, FG631Temp, FG657Temp, 2410B, FG650S, FG690

2. Hazards Identification

Emergency Overview

WARNING! Extremely Flammable!

Causes serious eye and skin irritation. May cause respiratory irritation and drowsiness or dizziness. Aspiration hazard if swallowed - may enter lungs and cause damage. May cause damage to Central Nervous System (CNS), Blood and/or Immune System, Liver/Heptatoxin, Kidney/Nephrotoxin via inhalation and/or ingestion. May cause cancer via inhalation. May be harmful if swallowed. Flammable liquid and vapor.

Avoid breathing dust, fume, gas, mist, vapors and/or spray. Keep container tightly closed. Wash thoroughly after handling. Wear protective eye/face protection. Wear protective gloves. Use only outdoors or in a well-ventilated area. Do not handle until all safety precautions have been read and understood.

GHS:

Specific Target Organ Toxicity Single Exposure - Category 3

Skin Irritation - Category 2

Eye Irritation - Category 2A

Aspiration - Category 2

Acute Toxicity - Category 5

Carcinogenicity - Category 2

Flammable Liquid - Category 1

Australia Hazard Classification: Hazardous Substance; Dangerous Goods

New Zealand: This product is classified as hazardous according to the HSNO Chemical Classification Information Database.

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OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

Health Hazards (Acute and Chronic)

INHALATION:

ACUTE (IMMEDIATE): Causes respiratory tract irritation.

CHRONIC (DELAYED): May be harmful if inhaled.

SKIN:

ACUTE (IMMEDIATE): Causes skin irritation.

CHRONIC (DELAYED): May cause defatting of skin after prolonged or repeated exposure. This product can be absorbed through skin.

EYE:

ACUTE (IMMEDIATE): Causes severe eye irritation.

CHRONIC (DELAYED): No Data Available

INGESTION:

ACUTE (IMMEDIATE): May cause irritation to the mouth, throat, and stomach. Aspiration hazard if swallowed - may enter lungs and cause damage.

CHRONIC (DELAYED): May be harmful if ingested.

ROUTE OF ENTRY: Inhalation, Skin/Dermal, Eye/Ocular, Ingestion/Oral

TARGET ORGANS: Central Nervous System (CNS), Blood and/or Immune System, Liver, Kidney

Recommended Exposure Limits

Europe

" Acetone (67-64-1): TWAs: (500 ppm TWA; 1210 mg/m³ TWA)

" Benzene, ethyl- (100-41-4): TWAs: (100 ppm TWA; 442 mg/m³ TWA) | STELs: (200 ppm STEL; 884 mg/m³ STEL) | Skin Absorbers: (possibility of significant uptake through the skin)

" Xylene (1330-20-7): TWAs: (50 ppm TWA; 221 mg/m³ TWA) | STELs: (100 ppm STEL; 442 mg/m³ STEL) | Skin Absorbers: (possibility of significant uptake through the skin)

US STATE CALIFORNIA

" Acetone (67-64-1): PELs: (750 ppm PEL; 1780 mg/m³ PEL) | STELs: (1000 ppm STEL; 2400 mg/m³ STEL) | Ceilings: (3000 ppm Ceiling)

" Benzene, ethyl- (100-41-4): PELs: (100 ppm PEL; 435 mg/m³ PEL) | STELs: (125 ppm STEL; 545 mg/m³ STEL)

" Xylene (1330-20-7): PELs: (100 ppm PEL; 435 mg/m³ PEL) | STELs: (150 ppm STEL; 655 mg/m³ STEL) | Ceilings: (300 ppm Ceiling)

United States - OSHA

" Acetone (67-64-1): TWAs: (1000 ppm TWA; 2400 mg/m³ TWA) | TWAs: (750 ppm TWA; 1800 mg/m³ TWA) | STELs (Short Term Exposure Limits): (1000 ppm STEL; 2400 mg/m³ STEL (The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors))

" Benzene, ethyl- (100-41-4): TWAs: (100 ppm TWA; 435 mg/m³ TWA) | TWAs: (100 ppm TWA; 435 mg/m³ TWA) | STELs (Short Term Exposure Limits): (125 ppm STEL; 545 mg/m³ STEL)

" Xylene (1330-20-7): TWAs: (100 ppm TWA; 435 mg/m³ TWA) | TWAs: (100 ppm TWA; 435 mg/m³ TWA) | STELs (Short Term Exposure Limits): (150 ppm STEL; 655 mg/m³ STEL)

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United States - ACGIH

" Acetone (67-64-1): TWAs: (500 ppm TWA) | STELs: (750 ppm STEL) | Carcinogens: (A4 - Not Classifiable as a Human Carcinogen) | TLV Basis - Critical Effects: (irritation) | BEIs: (Acetone in urine: 50 mg/L, end of shift (Ns))

" Benzene, ethyl- (100-41-4): TWAs: (100 ppm TWA) | STELs: (125 ppm STEL) | Carcinogens: (A3 - Confirmed animal carcinogen with unknown relevance to humans) | TLV Basis - Critical Effects: (irritation; CNS) | BEIs: (Mandelic acid in urine: 1.5 g/g creatinine, end of shift at end of workweek (Ns); Ethyl benzene in end-exhaled air: (Sq)) | Notice of Intended Changes (BEIs): (Sum of mandelic acid and phenyl glyoxylic acid in urine: 1.5 g/g creatinine, end of shift at end of workweek (Ns, Sq); Ethyl benzene in end-exhaled air: not critical (Sq))

" Xylene (1330-20-7): TWAs: (100 ppm TWA) | STELs: (150 ppm STEL) | Carcinogens: (A4 - Not Classifiable as a Human Carcinogen) | TLV Basis - Critical Effects: (irritation) | BEIs: (Methylhippuric acids in urine: 1.5 g/g creatinine, end of shift)

United States - NIOSH

" Acetone (67-64-1): TWAs: (250 ppm TWA; 590 mg/m3 TWA)

" Benzene, ethyl- (100-41-4): STELs: (125 ppm STEL; 545 mg/m3 STEL) | TWAs: (100 ppm TWA; 435 mg/m3 TWA)

New Zealand

" Acetone (67-64-1): TWAs: (500 ppm TWA; 1185 mg/m3 TWA) | STELs: (1000 ppm STEL; 2375 mg/m3 STEL)

" Benzene, ethyl- (100-41-4): TWAs: (100 ppm TWA; 434 mg/m3 TWA) | STELs: (125 ppm STEL; 543 mg/m3 STEL)

" Xylene (1330-20-7): TWAs: (50 ppm TWA; 217 mg/m3 TWA) |

Australia

Acetone: 500 ppm TWA, 1000 ppm STEL

Ethyl Benzene: 100 ppm TWA, 125 ppm STEL

Xylene (1330-20-7): 80 ppm TWA, 150 ppm STEL

Signs and Symptoms Of Exposure

See Potential Health Effects.

Medical Conditions Generally Aggravated By Exposure

Skin and Respiratory Conditions

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Acetone {2-Propanone}	67-64-1	60.0 -100.0 %
2. Xylene (mixed isomers) {Benzene, dimethyl-}	1330-20-7	10.0 -30.0 %
3. Hydrotreated light distillate (petroleum)	64742-47-8	7.0 -13.0 %
4. Ethylbenzene {Ethylbenzol; Phenylethane}	100-41-4	3.0 -7.0 %
5. Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	112-34-5	1.0 -5.0 %
6. Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	68439-46-3	0.1 -1.0 %
7. Alcohols, C12-13, ethoxylated	66455-14-9	0.1 -1.0 %
8. Toluene {Benzene, Methyl-; Toluol}	108-88-3	0.0 -0.1 %
9. Benzene {Benzol; Phenyl hydride}	71-43-2	0.0 -0.1 %
10. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	0.0 -0.1 %

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Hazardous Components (Chemical Name)	CAS #	Concentration
11. n-Butyl alcohol {1-Butanol}	71-36-3	0.0 -0.1 %

4. First Aid Measures

Emergency and First Aid Procedures

INHALATION: Move injured person into fresh air and keep person calm under observation. Get medical attention immediately.

SKIN: Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

EYE: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

INGESTION: Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention immediately.

Note to Physician

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

Flammability Classification:

NFPA Class IB

Flash Pt:

0.00 F (-17.8 C) Method Used: Setaflash Closed Cup (Rapid Setaflash)

Explosive Limits:

LEL: 1 % UEL: 13 %

Special Fire Fighting Procedures

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

Unusual Fire and Explosion Hazards

None known.

Hazardous Combustion Products

Carbon monoxide, carbon dioxide.

Suitable Extinguishing Media

Carbon dioxide, dry chemical, foam and/or water fog.

Unsuitable Extinguishing Media

None known.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

PERSONAL PRECAUTIONS: Use self-containing breathing apparatus or air-mask for large spills in a confined area. Avoid contact with eyes.

EMERGENCY PROCEDURES: Ventilate the area. Avoid breathing dust or vapor. Remove all sources of ignition. Use only non-sparking tools.

ENVIRONMENTAL PRECAUTIONS: Do not allow spilled material to enter waterways.

CONTAINMENT/CLEAN-UP MEASURES: Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 7, "Handling and Storage", for proper container and storage procedures.

7. Handling and Storage

Precautions To Be Taken in Handling

Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned. If the product is used near or above the flashpoint, an ignition hazard may be present. Activities, uses, or operations which liberate vapor (such as mixing or free fall of liquids) may also present an ignition hazard. Please ensure containers and other interconnected equipment are properly bonded and grounded at all times.

Precautions To Be Taken in Storing

Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106, Ontario OH&S regulation 851 Section 22. Empty containers may contain product residue, including flammable or explosive vapors.

Other Precautions

Keep away from heat, sparks and open flame. No smoking.

8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA TWA	ACGIH TWA	Other Limits
1. Acetone {2-Propanone}	67-64-1	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.
2. Xylene (mixed isomers) {Benzene, dimethyl-}	1330-20-7	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	No data.
3. Hydrotreated light distillate (petroleum)	64742-47-8	No data.	TLV: 200 mg/m3	No data.
4. Ethylbenzene {Ethylbenzol; Phenylethane}	100-41-4	PEL: 100 ppm	TLV: 100 ppm STEL: 125 ppm	No data.
5. Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	112-34-5	No data.	No data.	No data.
6. Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	68439-46-3	No data.	No data.	No data.
7. Alcohols, C12-13, ethoxylated	66455-14-9	No data.	No data.	No data.
8. Toluene {Benzene, Methyl-; Toluol}	108-88-3	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
9. Benzene {Benzol; Phenyl hydride}	71-43-2	PEL: 10 ppm STEL: 50 ppm/(10min) CEIL: 25 ppm	TLV: 0.5 ppm STEL: 2.5 ppm	No data.
10. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	PEL: 50 ppm	TLV: 20 ppm	No data.
11. n-Butyl alcohol {1-Butanol}	71-36-3	PEL: 100 ppm	TLV: 20 ppm	No data.

Respiratory Equipment (Specify Type)

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air

purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Eye Protection

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

Protective Gloves

Appropriate chemical resistant gloves should be worn, such as nitrile rubber. Wear gloves with as much resistance to the chemical ingredients as possible. Other glove materials may provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

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Other Protective Clothing

To prevent skin contact wear protective clothing covering all exposed areas.

Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons to minimize exposure.

Ventilation

Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas. Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment.

Work/Hygienic/Maintenance Practices

Wash hands thoroughly after use and before eating, drinking, or smoking. Do not eat, drink, or smoke in the work area. A source of clean water should be available in the work area for flushing of eyes and skin. Discard any clothing or other protective equipment that cannot be decontaminated.

9. Physical and Chemical Properties

Physical States:	[] Gas	[X] Liquid	[] Solid
Melting Point:	No data.		
Boiling Point:	133.00 F (56.1 C)		
Autoignition Pt:	No data.		
Flash Pt:	0.00 F (-17.8 C)	Method Used: Setaflash Closed Cup (Rapid Setaflash)	
Explosive Limits:	LEL: 1 %	UEL: 13 %	
Specific Gravity (Water = 1):	0.813		
Density:	6.774 LB/GL		
Bulk density:	No data.		
Vapor Pressure (vs. Air or mm Hg):	151 MM HG		
Vapor Density (vs. Air = 1):	> 1		
Evaporation Rate (vs Butyl Acetate=1):	> 1		
Solubility in Water:	Partial		
Percent Volatile:	99.0 % by weight.		
VOC / Volume:	20.0000 % WT		
Heat Value:	No data.		
Particle Size:	No data.		
Corrosion Rate:	No data.		
pH:	No data.		

Appearance and Odor

Water white, free and clear.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

No data available.

Incompatibility - Materials To Avoid

Strong oxidizing agents.

Hazardous Decomposition Or Byproducts

Carbon monoxide, carbon dioxide.

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

Conditions To Avoid - Hazardous Reactions

No data available.

11. Toxicological Information

Acetone:

Inhalation LC50 Mouse: 44 g/m³/4H;

Oral LD50 Rat: 5800 mg/kg

Benzene, ethyl-:

Oral LD50 Rat: 3500 mg/kg;

Dermal LD50 Rabbit: 17800 µL/kg

Xylene:

Inhalation LC50 Rat: 5000 ppm/4H;

Oral LD50 Rat: 4300 mg/kg;

Dermal LD50 Rabbit: >1700 mg/kg

Ethanol, 2-(2-butoxyethoxy)-:

Oral LD50 Rat: 5660 mg/kg;

Dermal LD50 Rabbit: 2700 mg/kg

Chronic Toxicological Effects

MUTAGENS/TERATOGENS/CARCINOGENS:

Contains ethylbenzene, which has been determined by NTP to be an animal carcinogen with no known relevance to humans. IARC has classified ethylbenzene as possibly carcinogenic to humans (2b) on the basis of sufficient evidence of carcinogenicity in laboratory animals but inadequate evidence of cancer in humans.

Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Acetone {2-Propanone}	67-64-1	n.a.	n.a.	A4	n.a.
2. Xylene (mixed isomers) {Benzene, dimethyl-}	1330-20-7	n.a.	n.a.	A4	n.a.
3. Hydrotreated light distillate (petroleum)	64742-47-8	n.a.	n.a.	A4	n.a.
4. Ethylbenzene {Ethylbenzol; Phenylethane}	100-41-4	No	2B	A3	No
5. Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}}	112-34-5	n.a.	n.a.	n.a.	n.a.
6. Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	68439-46-3	n.a.	n.a.	n.a.	n.a.
7. Alcohols, C12-13, ethoxylated	66455-14-9	n.a.	n.a.	n.a.	n.a.
8. Toluene {Benzene, Methyl-; Toluol}	108-88-3	No	3	A4	No
9. Benzene {Benzol; Phenyl hydride}	71-43-2	Known	1	A1	Yes
10. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	Possible	2B	A3	No
11. n-Butyl alcohol {1-Butanol}	71-36-3	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

ECOLOGICAL FATE: No information available for the product.

PERSISTANCE/DEGRADABILITY: No information available for the product.

BIOACCUMULATION POTENTIAL: No information available for the product.

MOBILITY IN SOIL: No information available for the product.

13. Disposal Considerations

Waste Disposal Method

Dispose of waste at an approved hazardous waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations.

Do not place material in general trash.

Do not allow material to enter bodies of water or sewers.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name Paint Related Material
DOT Hazard Label: FLAMMABLE LIQUID
UN/NA Number: UN1263
Packing Group: II

LAND TRANSPORT (Canadian TDG)

TDG Proper Shipping Name Paint Related Material
UN Number: 1263
Packing Group: II
DOT Hazard Class: 3

Additional Transport Information

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

15. Regulatory Information

Canadian Chemical Lists

Hazardous Components (Chemical Name)	CAS #	Canadian NPRI	Canadian IDL
1. Acetone {2-Propanone}	67-64-1	No	Yes
2. Xylene (mixed isomers) {Benzene, dimethyl-}	1330-20-7	Yes	No
3. Hydrotreated light distillate (petroleum)	64742-47-8	Yes	No
4. Ethylbenzene {Ethylbenzol; Phenylethane}	100-41-4	Yes	Yes
5. Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}	112-34-5	Yes	Yes
6. Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	68439-46-3	No	No
7. Alcohols, C12-13, ethoxylated	66455-14-9	No	No
8. Toluene {Benzene, Methyl-; Toluol}	108-88-3	Yes	Yes
9. Benzene {Benzol; Phenyl hydride}	71-43-2	Yes	Yes
10. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	Yes	Yes
11. n-Butyl alcohol {1-Butanol}	71-36-3	Yes	Yes

Canadian WHMIS Classification

CLASS B, DIVISION 2: Flammable Liquids

CLASS D, DIVISION 2, SUBDIVISION B: Toxic Materials (Mutagenicity, skin sensitization, irritation, etc.)

US EPA SARA Title III

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Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Acetone {2-Propanone}	67-64-1	No	Yes 5000 LB	No	Yes
2. Xylene (mixed isomers) {Benzene, dimethyl-}	1330-20-7	No	Yes 100 LB	Yes	Yes
3. Hydrotreated light distillate (petroleum)	64742-47-8	No	No	No	No
4. Ethylbenzene {Ethylbenzol; Phenylethane}	100-41-4	No	Yes 1000 LB	Yes	Yes
5. Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}}	112-34-5	No	No	Yes-Cat. N230	No
6. Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	68439-46-3	No	No	No	No
7. Alcohols, C12-13, ethoxylated	66455-14-9	No	No	No	No
8. Toluene {Benzene, Methyl-; Toluol}	108-88-3	No	Yes 1000 LB	Yes	Yes
9. Benzene {Benzol; Phenyl hydride}	71-43-2	No	Yes 10 LB	Yes	Yes
10. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	No	No	Yes-Cat. N230	No
11. n-Butyl alcohol {1-Butanol}	71-36-3	No	Yes 5000 LB	Yes	No

US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
1. Acetone {2-Propanone}	67-64-1	HAP, ODC ()	No	Inventory	No
2. Xylene (mixed isomers) {Benzene, dimethyl-}	1330-20-7	HAP, ODC ()	Yes	Inventory	No
3. Hydrotreated light distillate (petroleum)	64742-47-8	HAP, ODC ()	No	Inventory	No
4. Ethylbenzene {Ethylbenzol; Phenylethane}	100-41-4	HAP, ODC ()	Yes	Inventory	Yes
5. Diethylene glycol monobutyl ether {2-(2-Butoxyethoxy)ethanol {(a glycol ether)}}	112-34-5	HAP, ODC ()	No	Inventory	No
6. Alcohol ethoxylate (Alcohols, C9-11, Ethoxylated)	68439-46-3	HAP, ODC ()	No	Inventory	No
7. Alcohols, C12-13, ethoxylated	66455-14-9	HAP, ODC ()	No	Inventory	No
8. Toluene {Benzene, Methyl-; Toluol}	108-88-3	HAP, ODC ()	Yes	Inventory, 8A CAIR	Yes
9. Benzene {Benzol; Phenyl hydride}	71-43-2	HAP, ODC ()	Yes	Inventory, 8A CAIR	Yes
10. Ethanol, 2-Butoxy- {Ethylene glycol n-butyl ether, (a glycol ether)}	111-76-2	HAP, ODC ()	No	Inventory	No
11. n-Butyl alcohol {1-Butanol}	71-36-3	HAP, ODC ()	No	Inventory	No

Canadian Regulatory Lists:

Canadian NPRI: Canadian National Pollutant Release Inventory
Canadian IDL: Canadian Ingredient Disclosure List

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

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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

International Regulatory Lists:

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

Yes No Acute (immediate) Health Hazard
 Yes No Chronic (delayed) Health Hazard
 Yes No Fire Hazard
 Yes No Sudden Release of Pressure Hazard
 Yes No Reactive Hazard

Regulatory Information

This product has been classified according to the hazard criteria of the Controlled Products Regulations.

Concentrations reported in section 2 are weight/weight.

Ingredients disclosed in section 2 are on Canadian DSL.

New Zealand
Environment

New Zealand - HSNO - Composite List of Single Component Substances Considered for Transfer

- " Kerosene (petroleum), hydrotreated (64742-47-8) 10 to 5% Petroleum substance
- " Acetone (67-64-1) 70 to 65% Dangerous good
- " Benzene, ethyl- (100-41-4) 5 to 1% Dangerous good
- " Xylene (1330-20-7) 20 to 15% Scheduled toxic substance
- " Ethanol, 2-(2-butoxyethoxy)-(112-34-5) 5 to 1% Dangerous good; Scheduled toxic substance

New Zealand - Ozone Depleting Substances
None Listed

16. Other Information

Company Policy or Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.