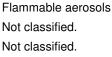
# SAFETY DATA SHEET

## 1. Identification

Product number	1000003101
Product identifier	6540 HEAVY DUTY GLASS CLEANER
Company information	IMPERIAL SUPPLIES LLC PO BOX 11008 GREEN BAY, WI 54307-1008 United States
Company phone	General Assistance 920-490-6711
Emergency telephone US	1-866-836-8855
Emergency telephone outside US	1-952-852-4646
Version #	39
Recommended use	Cleaner
Recommended restrictions	None known.
2. Hazard(s) identification	

# **Physical hazards Health hazards OSHA** defined hazards

#### Label elements



Signal word Danger Hazard statement Extremely flammable aerosol. **Precautionary statement** Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open Prevention flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash hands after handling. Response Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Storage Disposal Dispose of waste and residues in accordance with local authority requirements. Hazard(s) not otherwise None known. classified (HNOC) Supplemental information None.

Category 1

# 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
2-Butoxyethanol		111-76-2	2.5 - 10
Isopropyl Alcohol		67-63-0	2.5 - 10
Butane		106-97-8	1 - 2.5
Propane		74-98-6	1 - 2.5
Other components below re	portable levels		90 - 100

Other components below reportable levels

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

# 4. First-aid measures

Inhalation Skin contact If symptoms develop move victim to fresh air. Get medical attention if symptoms persist. Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
5. Fire-fighting measures	
Suitable extinguishing media	Not available.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol.
6. Accidental release meas	sures
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
Precautions for safe handling	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not get in eyes, on skin, or on clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame,

# 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

# 8. Exposure controls/personal protection

#### Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)			
Components	Туре	Value	
2-Butoxyethanol (CAS 111-76-2)	PEL	240 mg/m3	

	Туре			alue
Isopropyl Alcohol (CAS 67-63-0)	PEL			0 ppm 80 mg/m3
Propane (CAS 74-98-6)	PEL		18	00 ppm 800 mg/m3 000 ppm
US. ACGIH Threshold Lin Components	nit Values Type			alue
2-Butoxyethanol (CAS 111-76-2)	TWA		20	) ppm
Butane (CAS 106-97-8)	STEL	_	1(	000 ppm
Isopropyl Alcohol (CAS	STEL	_		00 ppm
67-63-0)	TWA		20	00 ppm
US. NIOSH: Pocket Guide	e to Chemical Hazards			
Components	Туре	•	V	alue
2-Butoxyethanol (CAS 111-76-2)	TWA		24	4 mg/m3
				ppm
Butane (CAS 106-97-8)	TWA			900 mg/m3
				00 ppm
Isopropyl Alcohol (CAS 67-63-0)	STEL	-	12	225 mg/m3
0. 00 0)			50	00 ppm
	TWA		98	30 mg/m3
				00 ppm
Propane (CAS 74-98-6)	TWA			800 mg/m3 000 ppm
ogical limit values				
ACGIH Biological Exposu Components	ire Indices Value	Determinant	Specimen	Sampling Time
ACGIH Biological Exposu		Butoxyacetic acid (BAA),	Specimen Creatinine ir urine	
ACGIH Biological Exposu Components 2-Butoxyethanol (CAS	Value	Butoxyacetic	Creatinine in	
ACGIH Biological Exposu Components 2-Butoxyethanol (CAS 111-76-2) Isopropyl Alcohol (CAS	Value 200 mg/g 40 mg/l	Butoxyacetic acid (BAA), with hydrolysis Acetone	Creatinine ir urine	) *
ACGIH Biological Exposu Components 2-Butoxyethanol (CAS 111-76-2) Isopropyl Alcohol (CAS 67-63-0)	Value 200 mg/g 40 mg/l	Butoxyacetic acid (BAA), with hydrolysis Acetone	Creatinine ir urine	) *
ACGIH Biological Expose Components 2-Butoxyethanol (CAS 111-76-2) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, ple	Value 200 mg/g 40 mg/l ease see the source doc	Butoxyacetic acid (BAA), with hydrolysis Acetone	Creatinine ir urine	) *
ACGIH Biological Expose Components 2-Butoxyethanol (CAS 111-76-2) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, ple osure guidelines	Value 200 mg/g 40 mg/l ease see the source doc n designation 111-76-2)	Butoxyacetic acid (BAA), with hydrolysis Acetone ument. Can be	Creatinine ir urine	* *
ACGIH Biological Expose Components 2-Butoxyethanol (CAS 111-76-2) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, ple osure guidelines US - California OELs: Ski 2-Butoxyethanol (CAS	Value 200 mg/g 40 mg/l ease see the source doc n designation 111-76-2) :: Skin designation app 111-76-2)	Butoxyacetic acid (BAA), with hydrolysis Acetone ument. Can be	Creatinine in urine Urine	ugh the skin.
ACGIH Biological Expose Components 2-Butoxyethanol (CAS 111-76-2) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, ple osure guidelines US - California OELs: Ski 2-Butoxyethanol (CAS US - Minnesota Haz Subs 2-Butoxyethanol (CAS	Value 200 mg/g 40 mg/l ease see the source doc n designation 111-76-2) Skin designation app 111-76-2) kin designation 111-76-2)	Butoxyacetic acid (BAA), with hydrolysis Acetone ument. Can be olies Skin de Can be	Creatinine in urine Urine	ugh the skin.
ACGIH Biological Expose Components 2-Butoxyethanol (CAS 111-76-2) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, ple osure guidelines US - California OELs: Ski 2-Butoxyethanol (CAS US - Minnesota Haz Subs 2-Butoxyethanol (CAS US - Tennessee OELs: SI 2-Butoxyethanol (CAS US NIOSH Pocket Guide 2-Butoxyethanol (CAS	Value 200 mg/g 40 mg/l ease see the source doc n designation 111-76-2) s: Skin designation app 111-76-2) kin designation 111-76-2) to Chemical Hazards: S 111-76-2)	Butoxyacetic acid (BAA), with hydrolysis Acetone ument. Can be Skin designation Can be	Creatinine in urine Urine absorbed thro esignation appli absorbed thro absorbed thro	ugh the skin. es. ugh the skin.
ACGIH Biological Expose Components 2-Butoxyethanol (CAS 111-76-2) Isopropyl Alcohol (CAS 67-63-0) * - For sampling details, ple osure guidelines US - California OELs: Ski 2-Butoxyethanol (CAS US - Minnesota Haz Subs 2-Butoxyethanol (CAS US - Tennessee OELs: Sl 2-Butoxyethanol (CAS US NIOSH Pocket Guide	Value 200 mg/g 40 mg/l ease see the source doc n designation 111-76-2) Skin designation app 111-76-2) kin designation 111-76-2) to Chemical Hazards: S 111-76-2) ts for Air Contaminants	Butoxyacetic acid (BAA), with hydrolysis Acetone ument. Can be Skin designation Can be Skin designation Can be s (29 CFR 1910.100	Creatinine in urine Urine absorbed thro esignation appli absorbed thro absorbed thro	ugh the skin. es. ugh the skin. ugh the skin.

Individual protection measures, such as personal protective equipment		
Eye/face protection	Wear safety glasses with side shields (or goggles).	
Skin protection		
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.	
Other	Wear suitable protective clothing.	
Respiratory protection	If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.	
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.	
General hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.	

# 9. Physical and chemical properties

Appearance	
Physical state	Gas.
Form	Aerosol.
Color	Not available.
Odor	Not available.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C) estimated
Flash point	-156.0 °F (-104.4 °C) propellant estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	0.977 estimated
10. Stability and reactivity	

# 10. Stability and reactivity

Reactivity	The product is sta
Chemical stability	Material is stable

ne product is stable and non-reactive under normal conditions of use, storage and transport. aterial is stable under normal conditions.

Possibility of hazardous reactions	Hazardous polymerization does not occur.	
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.	
Incompatible materials	Strong oxidizing agents.	
Hazardous decomposition products	No hazardous decomposition products are known.	
11. Toxicological information	Toxicological information	
Information on likely routes of	exposure	
Inholation	No advarge offects due to inhelation are expected	

Inhalation	No adverse effects due to inhalation are expected.
Skin contact	2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.

# Information on toxicological effects

# Acute toxicity

Components	Species	Test Results
2-Butoxyethanol (CAS 111-7	6-2)	
Acute		
Dermal		
LD50	Guinea pig	7.3 ml/kg, 4 Days
		0.23 ml/kg, 24 Hours
	Rabbit	435 mg/kg, 24 Hours
		0.68 ml/kg, 24 Hours
		0.63 ml/kg
	Rat	> 2000 mg/kg, 24 Hours
Inhalation		
LC50	Rabbit	400 ppm, 7 Hours
	Rat	450 ppm, 4 Hours
Oral		
LD100	Rabbit	695 mg/kg
LD50	Dog	> 695 mg/kg
	Guinea pig	1414 mg/kg
	Mouse	1519 mg/kg
	Rat	1746 mg/kg
Butane (CAS 106-97-8)		
Acute		
Inhalation		
LC50	Mouse	1237 mg/l, 120 Minutes
		52 %, 120 Minutes
	Rat	1355 mg/l
Isopropyl Alcohol (CAS 67-63	3-0)	
Acute		
Dermal		
LD50	Rabbit	16.4 ml/kg, 24 Hours
Inhalation		
LC50	Rat	> 10000 ppm, 6 Hours

Components	Species	Test Results	
Oral			
LD50	Rat	5.84 g/kg	
Propane (CAS 74-98-6)			
Acute			
Inhalation			
LC50	Mouse	1237 mg/l, 120 Minutes	
		52 %, 120 Minutes	
	Rat	1355 mg/l	
		658 mg/l/4h	
* Estimates for product may b	be based on additional component data not	shown.	
Skin corrosion/irritation	Not applicable.		
Serious eye damage/eye irritation	Direct contact with eyes may cause temp	porary irritation.	
Respiratory or skin sensitizatio	n		
Respiratory sensitization	Not a respiratory sensitizer.		
Skin sensitization	This product is not expected to cause skin sensitization.		
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.		
IARC Monographs. Overall	Evaluation of Carcinogenicity		
2-Butoxyethanol (CAS 1 OSHA Specifically Regulate	11-76-2) 3 Not cla 3 Solution 3 State	ssifiable as to carcinogenicity to humans.	
Not regulated. US. National Toxicology Pro	ogram (NTP) Report on Carcinogens		
Not listed.			
Reproductive toxicity	This product is not expected to cause re	productive or developmental effects.	
Specific target organ toxicity - single exposure	Not classified.		
Specific target organ toxicity - repeated exposure	Not classified.		
Aspiration hazard	Not likely, due to the form of the product		
Chronic effects	May be harmful if absorbed through skin		
	2-Butoxy ethanol may be absorbed throu prolonged. These effects have not been	ugh the skin in toxic amounts if contact is repeated and observed in humans.	

# 12. Ecological information

The product is not classified as environmentally hazardous. However, this does not exclude the

	possibility	that large or frequent spills can have a harr	nful or damaging effect on the environment
Components	Species		Test Results
2-Butoxyethanol (CAS	6 111-76-2)		
Aquatic			
Fish	LC50	Inland silverside (Menidia beryllina)	1250 mg/l, 96 hours
Isopropyl Alcohol (CA	S 67-63-0)		
Aquatic			
Algae	IC50	Algae	1000.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	13299 mg/L, 48 Hours
Fish	LC50	Bluegill (Lepomis macrochirus)	> 1400 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown. **Persistence and degradability** No data is available on the degradability of this product.

#### **Bioaccumulative potential**

Partition coefficient n-oct	anol / water (log Kow)	
2-Butoxyethanol		0.83
Butane		2.89
Isopropyl Alcohol		0.05
Propane		2.36
Mobility in soil	No data available.	

Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.	
Local disposal regulations	Dispose in accordance with all applicable regulations.	
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.	
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).	
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.	

# 14. Transport information

DO.	T
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UN number	UN1950
UN proper shipping name	Aerosols, flammable, (each not exceeding 1 L capacity)
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

ΙΑΤΑ

IATA	
UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
Packaging Exceptions	LTD QTY
IMDG	
UN number	UN1950

UN proper shipping name Transport hazard class(es)	
mansport nazaru class(es)	AEROSOLS
Class	2.1
Subsidiary risk	2.1
Label(s)	2.1
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety
Packaging Exceptions	instructions, SDS and emergency procedures before handling. LTD QTY
Transport in bulk according to	Not applicable.
Annex II of MARPOL 73/78 and	
the IBC Code	
DOT	
FLAMMABLE GAS 2 IATA; IMDG	
2	
2 15. Regulatory information US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
US federal regulations TSCA Section 12(b) Export N	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Intification (40 CFR 707, Subpt. D)
US federal regulations TSCA Section 12(b) Export N Not regulated.	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Intification (40 CFR 707, Subpt. D)
US federal regulations TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substar	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Intification (40 CFR 707, Subpt. D) Ince List (40 CFR 302.4)
US federal regulations TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substar Not listed. SARA 304 Emergency releas Not regulated. OSHA Specifically Regulated	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Intification (40 CFR 707, Subpt. D) Ince List (40 CFR 302.4)
US federal regulations TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substar Not listed. SARA 304 Emergency releas Not regulated. OSHA Specifically Regulated Not regulated.	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Notification (40 CFR 707, Subpt. D) Ince List (40 CFR 302.4) Se notification d Substances (29 CFR 1910.1001-1050)
US federal regulations TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substar Not listed. SARA 304 Emergency releas Not regulated. OSHA Specifically Regulated Not regulated. Superfund Amendments and Rea	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Notification (40 CFR 707, Subpt. D) Ince List (40 CFR 302.4) are notification d Substances (29 CFR 1910.1001-1050) authorization Act of 1986 (SARA)
US federal regulations TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substar Not listed. SARA 304 Emergency releas Not regulated. OSHA Specifically Regulated Not regulated.	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Notification (40 CFR 707, Subpt. D) Ince List (40 CFR 302.4) Se notification d Substances (29 CFR 1910.1001-1050) authorization Act of 1986 (SARA) Immediate Hazard - No Delayed Hazard - No
US federal regulations TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substar Not listed. SARA 304 Emergency releas Not regulated. OSHA Specifically Regulated Not regulated. Superfund Amendments and Rea	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Notification (40 CFR 707, Subpt. D) Ince List (40 CFR 302.4) Se notification d Substances (29 CFR 1910.1001-1050) authorization Act of 1986 (SARA) Immediate Hazard - No Delayed Hazard - No Fire Hazard - Yes
US federal regulations TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substar Not listed. SARA 304 Emergency releas Not regulated. OSHA Specifically Regulated Not regulated. Superfund Amendments and Rea	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Notification (40 CFR 707, Subpt. D) Ince List (40 CFR 302.4) Se notification d Substances (29 CFR 1910.1001-1050) authorization Act of 1986 (SARA) Immediate Hazard - No Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Yes
US federal regulations TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substar Not listed. SARA 304 Emergency releas Not regulated. OSHA Specifically Regulated Not regulated. Superfund Amendments and Rea Hazard categories	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Notification (40 CFR 707, Subpt. D) Ince List (40 CFR 302.4) See notification d Substances (29 CFR 1910.1001-1050) Authorization Act of 1986 (SARA) Immediate Hazard - No Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No
US federal regulations TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substar Not listed. SARA 304 Emergency releas Not regulated. OSHA Specifically Regulated Not regulated. Superfund Amendments and Rea Hazard categories SARA 302 Extremely hazard	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Notification (40 CFR 707, Subpt. D) Ince List (40 CFR 302.4) See notification d Substances (29 CFR 1910.1001-1050) Authorization Act of 1986 (SARA) Immediate Hazard - No Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No
US federal regulations TSCA Section 12(b) Export N Not regulated. CERCLA Hazardous Substar Not listed. SARA 304 Emergency releas Not regulated. OSHA Specifically Regulated Not regulated. Superfund Amendments and Rea Hazard categories	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Notification (40 CFR 707, Subpt. D) Ince List (40 CFR 302.4) See notification d Substances (29 CFR 1910.1001-1050) Authorization Act of 1986 (SARA) Immediate Hazard - No Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - Yes Reactivity Hazard - No

SARA 313 (TRI reporting) Chemical name		CAS number	% by wt.
2-Butoxyethanol		111-76-2	2.5 - 10
Other federal regulations			2.0 10
Clean Air Act (CAA) Sectio	n 112 Hazardous Air Pol	lutants (HAPs) List	
Not regulated.			
Clean Air Act (CAA) Sectio	n 112(r) Accidental Rele	ase Prevention (40 CFR	68.130)
Butane (CAS 106-97-8) Propane (CAS 74-98-6)			
Safe Drinking Water Act (SDWA)	Not regulated.		
US state regulations			
US. California Controlled S	ubstances. CA Departm	ent of Justice (Californi	a Health and Safety Code Section 11100)
Not listed.			
(a))		nsumer Products Regul	ations (Cal. Code Regs, tit. 22, 69502.3, subd.
2-Butoxyethanol (CAS 1 Butane (CAS 106-97-8)	·		
Isopropyl Alcohol (CAS US. Massachusetts RTK - S			
2-Butoxyethanol (CAS 1			
Butane (CAS 106-97-8)	,		
Isopropyl Alcohol (CAS	67-63-0)		
Propane (CAS 74-98-6) US. New Jersey Worker an	d Community Right-to-K	now Act	
2-Butoxyethanol (CAS 1			
Butane (CAS 106-97-8)	,		
Isopropyl Alcohol (CAS	67-63-0)		
Propane (CAS 74-98-6) US. Pennsylvania Worker a	and Community Right-to	-Know Law	
2-Butoxyethanol (CAS 1			
Butane (CAS 106-97-8)	,		
Isopropyl Alcohol (CAS	67-63-0)		
Propane (CAS 74-98-6) US. Rhode Island RTK			
Butane (CAS 106-97-8)			
Isopropyl Alcohol (CAS Propane (CAS 74-98-6)	67-63-0)		
US. California Proposition			
	Water and Toxic Enforce listed as carcinogens or r		ition 65): This material is not known to contain
International Inventories			
Country(s) or region	Inventory name		On inventory (yes/no)*
Australia	-	Chemical Substances (A	-
Canada	Domestic Substances		Yes
Canada	Non-Domestic Substar		No
China -		hemical Substances in Cl	
Europe	Substances (EINECS)	Existing Commercial Che	
Europe	•	ed Chemical Substances	
Japan		nd New Chemical Substar	
Korea	Existing Chemicals Lis		Yes
New Zealand	New Zealand Inventory		Yes
Philippines	Philippine Inventory of (PICCS)	Chemicals and Chemical	Substances Yes

#### Country(s) or region Inventory name

Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# 16. Other information, including date of preparation or last revision

Issue date	02-21-2014
Version #	39
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.