


Safety Data Sheet

Section 1 - Product Information			
Product Name: Clear Blue Concentrate	Supplier: Intercon Chemical Company		
Product Code Number: 0656	Information Phone: 1-314-771-6600	Address: 1100 Central Industrial Drive St. Louis, MO 63110	
Product use: Glass Cleaner Concentrate	Emergency Contact: CHEMTREC 1-800-424-9300		
Section 2 - Hazard Identification			
GHS Classification: Serious Eye Damage (Category 2B), Skin Corrosion (Category 3), Flammable Liquid (Category 3), Specific Target Organ Toxicity - Single Exposure - Narcotic Effects (Category 3), Acute Toxicity- Oral (Category 5), Acute Toxicity - Inhalation (Category 5)			
Section 2.1 - Label Elements			
<p style="text-align: center;">Hazard Pictograms:</p> <div style="text-align: center;">  </div> <p style="text-align: center;">Signal Word: Warning</p> <p style="text-align: center;">Hazard Statements:</p> <p>H226: Flammable liquid and vapor. H303: May be harmful if swallowed. H316: Causes mild skin irritation. H320: Causes eye irritation. H333: May be harmful if inhaled. H336: May cause drowsiness or dizziness.</p>	<p style="text-align: center;">Precautionary Statements:</p> <p>P210: Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. P233: Keep container tightly closed. P240: Ground/bond container and receiving equipment. P241: Use explosion-proof equipment. P242: Use only non-sparking tools. P243: Take precautionary measures against static discharge. P261: Avoid breathing dust/fume/gas/mist/vapors/spray. P264+P265: Wash hands thoroughly after handling. Do not touch eyes. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/eye protection. P301+P317: IF SWALLOWED: Get medical help. P303+P361+P353: IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse SKIN with water [or shower]. P332+P317: If skin irritation occurs: Get medical help. P304+P340+P317: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. P337+P317: If eye irritation persists: Get medical help. P370+P378: In case of fire: Use class B rated fire extinguisher to extinguish. P403+P233+P235: Store in a well-ventilated place. Keep container tightly closed. Keep cool. P405: Store locked up. P501: Dispose of contents/container in accordance with local/regional/national/international regulations(to be specified).</p>		
Section 3 - Composition			
Chemical Name	CAS #	Percent w/w	
Isopropanol	67-63-0	< 20	
2-butoxy ethanol	111-76-2	10	
Section 4 - First Aid Measures			
IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water for at least 15 minutes. Wash clothing before reuse.			
IF IN EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.			
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.			
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical help if needed.			
Section 5 - Fire and Explosion Hazard Data			
Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.UNUSUAL FIRE & EXPLOSION HAZARD: Flammable. Keep away from heat, sparks and open flame. Use water spray to cool adjacent fire exposed containers.
80°F	LEL: 2.1 UEL: NE	Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.	
Section 6 - Accidental Release Measures			
Use personal protection recommended in Section 8. Isolate from sources of ignition. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Stop leak if safe to do so. Mop up spills and flush to sewers with plenty of water. Floors may be slippery, use care to avoid falls.			

Section 7 - Handling and Storage

Do not get in eyes, on skin, or on clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Handle and open container with care. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Do not touch eyes. Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Section 8 - Exposure Controls/PPE

Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Isopropanol	400ppm	400ppm	Respiratory:	not normally required	Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
2-butoxy ethanol	50ppm	20ppm	Eye:	safety glasses	
			Skin:	water proof gloves	
			Ventilation:	Normal room ventalization	

Section 9 - Physical and Chemical Properties

Appearance	odor	odor threshold	pH	Melting Point	Boiling point	Evaporation rate	Flash Point	Upper/lower flammability limits	Vapor pressure
Blue Liquid	Pleasant	NE	12	NE	180°F	1.0(water =1)	80°F	NA/2.1	100mm (Hg)
Vapor Density	Density (lbs/gal)	Specific Gravity	pH(use dil)	Solubility(H ₂ O)	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temp	
3	7.9	0.9	9	complete	NE	NA	Thin	NE	

Section 10 - Stability and Reactivity

Product is stable. Hazardous polymerization will not occur. It is incompatible with strong oxidizing agents. If burned normal combustion products such as Carbon Dioxide, Carbon Monoxide and Nitrous Oxides may occur.

Section 11- Toxicological Information

Ingredient	Acute toxicity(oral LD50) rat	Acute toxicity(derm. LD50)rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -Single Exposure	STOST Repeated Exposure
Isopropanol	4,396mg/kg	12,870mg/kg	irritant	no	no	none	central nervous system	none
2-butoxy ethanol	1,414mg/kg (Guinea pig)	>2,000 mg/kg (Guinea pig)	irritant	no	no	none	none	none

Section 12 - Ecological Information

Isopropanol
 Low acute toxicity to fish.
 Low acute toxicity to aquatic invertebrates.
 Low toxicity to algae.
 Biodegradable.

2-butoxy ethanol
 Low acute toxicity to fish.
 Low acute toxicity to aquatic invertebrates.
 Low toxicity to algae.
 Biodegradable.

Section 13 - Disposal Considerations

The products covered by this SDS, in their original form, are ignitable waste (D001) according to RCRA(40 CFR 261).Dispose of in accordance with applicable Federal, State and Local regulations.

Section 14 - Transport Information

UN number	Basic Description(DOT)	Class	Packing Group	LTD QTY
UN1993	Flammable liquids, n.o.s. (Contains Isopropanol)	3	III	< 5 L
UN number	Basic Description(IATA)	Class	Packing Group	LTD QTY
UN1993	Flammable liquids, n.o.s. (Contains Isopropanol)	3	III	< 5 L
UN number	Basic Description(IMDG)	Class	Packing Group	LTD QTY
UN1993	Flammable liquids, n.o.s. (Contains Isopropanol)	3	III	< 5 L

Section 15 - Regulatory Information

SARA Title 3: Ammonia. Copper. Glycol Ethers. Isopropyl Alcohol. For more information consult sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.

CERCLA: Glycol Ethers. Ammonia (RQ = 100lbs). Ammonium Hydroxide (RQ = 1000 lbs). For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.



Warning: This product can expose you to chemicals including 1,4-dioxane (CAS# 123-91-1), Dichloroacetic Acid (CAS# 79-43-6), Formaldehyde (CAS# 50-00-0), and Methanol(CAS# 67-56-1) which is known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 16 - Other Information

HMIS: **Health - 2** **Flam. - 3** **R - 0** **PPE- B**

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Prepared by: Environmental, Health and Safety Administrator.

The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as 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 materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established