



Safety Data Sheet

Section 1 - Product Information					
Product Name: SHEEN WINDOW CLEANER				Supplier:	Advanced Chemical Solutions
Product Code Number: 0656		Information Phone: 406-259-7935		Address:	216 MOORE LANE BILLINGS, MT 59101
Product use:	Glass Cleaner Concentrate	Emergency Contact: CHEMTREC 1-800-424-9300			
Section 2 - Hazard Identification					
GHS Classification: Corrosive(skin) Category 1C, Corrosive(eye) Category 1, Flammable Category 3					
Section 2.1 - Label Elements					
Hazard Pictograms		Precautionary Statements:			
 		Wear protective gloves and eye protection. Wash thoroughly after handling. Do not breathe mist. Keep container tightly closed. Keep away from heat - No smoking Use explosion proof electrical equipment. Take precautionary measures against static discharge. Use only non-sparking tools. In case of fire, use water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam for extinction.			
Signal Word: Danger		If ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash clothes before reuse.			
Hazard Statements: Causes severe skin burns and eye damage. Flammable Liquid and Vapor.		IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor			
Section 3 - Composition					
Chemical Name		CAS #		Percent w/w	
Isopropanol		67-63-0		< 20	
2-butoxy ethanol		111-76-2		10	
Ammonium Hydroxide		7664-41-7		< 1	
Section 4 - First Aid Measures					
If ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash clothes before reuse.					
If IN EYES: Rinse cautiously with water for several 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.					
Immediately call a POISON CENTER or doctor					
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	Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.		
	UEL	NE			
Section 6 - Accidental Release Measures					
Isolate from sources of ignition. 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					
For institutional and industrial use only, not intended for consumer use. Store upright in original closed container. Keep container tightly closed. Store in a cool, well ventilated place.					
Section 8 - Exposure Controls/PPE					
Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations: 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.
isopropanol	400ppm	400ppm	Respiratory:	not normally required	
2-butoxy ethanol	50ppm	25ppm	Eye:	safety glasses	
Ammonium Hydroxide	50ppm	25ppm	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	7.5	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	>5000mg/kg	no effect	irritation	no info	no info	no info	no info	no info
2-butoxy ethanol	NE	NE	NE	NE	NE	NE	NE	NE
Ammonium Hydroxide	350mg/kg	NE	severe	NE	investigated	NE	NE	NE

Other:

Section 12 - Ecological Information

No information available

Section 13 - Disposal Considerations

The products covered by this SDS, in their original form, are considered corrosive waste(D002), and ignitable(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
UN1719	Caustic Alkali Liquid, n.o.s.(Contains Ammonium Hydroxide)	8	III	< 5L

Section 15 - Regulatory Information

SARA TITLE III (EPCRA) NOTIFICATION: ISOPROPYL ALCOHOL, GLYCOL ETHERS [Reportable under section 313 and section 6607 of the Pollution Prevention Act]
 CERCLA:Glycol Ethers. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

WHMIS:		HMIS: Health - 2	Flam. - 3	R - 0	PPE- B
Date Prepared: 04-16-2015	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