



Northwest Janitorial Supply, Inc.  
1232 6th Avenue South  
Seattle, WA 98134  
(206) 622-0360

Product Number:  
117

Product Name:  
Crystal Clear

## MATERIAL SAFETY DATA SHEET

Date Prepared: 03-27-01 By Charles D. Werner

SECTION 1 - PRODUCT IDENTIFICATION			
Manufactured For: Northwest Janitorial Supply	Emergency Phone No: 1-800-228-5635 ext. 059		
Address: 1232 6 <sup>th</sup> Ave. South Seattle, WA 98134			
Trade Name: Crystal Clear	Product Type: GLASS CLEANER CONCENTRATE		
Product code: FFLGCPPX	Formula:		
SECTION 2 - HAZARDOUS INGREDIENTS			
Chemical Name/Common Name:	CAS NO.	PERCENT	EXPOSURE LIMIT (Source)
Ethyl Alcohol	64-17-5	< 5	1000 PPM PEL (OSHA)
Dipropylene Glycol Monomethyl Ether	34590-94-8	< 10	100 PPM PEL (OSHA)
Sodium Laureth Sulfate	9004-82-4	< 5	unknown
Isopropyl alcohol	67-63-0	20	400 PPM PEL(OSHA)
No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present			
This product may contain chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.			
SECTION 3 - PHYSICAL DATA			
Boiling Point: (F) 212	Specific Gravity: (H2O = 1.0) 0.91	pH: 8.0 - 8.5	
Vapor Pressure: (mm/Hg) heavier than air	Vapor Density: (AIR = 1.0) 2.1		
Solubility In Water: Complete			
Evaporation Rate (Vs BUTYL ACETATE = 1.0): greater than 1.0			
Appearance and Odor: Liquid, non-viscous, pink color and MILD fragrance			
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA			
Flash Point (T.C.C.): less than 100 F	FLAMMABLE LIMITS / % VOLUME IN AIR:	UPPER: 2,	LOWER 12.7%
Extinguishing Media: Use water fog, "alcohol" Foam, Dry Chemical or CO2.			
Special Fire Fighting Procedures: FLAMMABLE Clear area of unprotected personnel . Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers.			
Unusual Fire and Explosion Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.			
SECTION 5 - REACTIVE DATA			
Stability: Stable	Incompatibility: non-reactive.		
Hazardous Decomposition Products: carbon monoxide and unidentified organic compounds may be formed during combustion.			
SECTION 6 - HEALTH HAZARDS			
Threshold Limit Value - Product (See Section 2 for Ingredient TLV)	None Established		
Primary Routes of Exposure:	Eye - yes	Skin-No	Oral-yes Inhalation-yes Other
Signs and Symptoms of Over-exposure (Acute): EYES: Contact with concentrate will irritate the eyes. SKIN: Mildly irritating to the skin. INHALATION: May cause mild irritation to the nose, throat and respiratory tract and may result in central nervous system depression. INGESTION: Generally considered to have a low order of acute oral toxicity. Irritation as noted above, early to moderate CNS depression may be evidenced by giddiness, headache, dizziness, and nausea			
Symptoms of Over-Exposure (Chronic): Dipropylene Glycol Monomethyl Ether has shown minor kidney and liver damage in lab animals.			
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may more susceptible to effects.			
Carcinogen or Suspect Carcinogen Ingredients:	NTP - NO	IARC - NO	OSHA - NO NONE
SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES			
Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.			
Skin: Wash skin with soap and water. Remove contaminated clothing & shoes. Wash before reuse.			
Ingestion: INDUCE VOMITING , by giving 2 glasses of water and sticking finger down throat. If vomiting occurs spontaneously, keep victims head below his hips to prevent his breathing vomitus into his lungs. Call physician or poison control center immediately. Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person.			
Inhalation: Get to fresh air. Get medical attention if breathing is difficult.			
SECTION 8 - SPECIAL PROTECTION INFORMATION			
Respiratory Protection: not normally required	Ventilation Requirements:	Adequate ventilation required.	
Protective Gloves: not normally required, to be used to minimize contact.	Eye Protection: Not normally required. Recommended if used overhead or misting or spraying.		
SECTION 9 - SPILL OR LEAK PROCEDURES			
Steps to be Taken if Released or Spilled: WARNING FLAMMABLE – ELIMINATE ALL IGNITION SOURCES. handling equipment must be ground before using to prevent sparking. For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain.			
Waste Disposal Methods: Note that the contaminates of the product must be consider when disposing . Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.			
SECTION 10 - STORAGE AND HANDLING INFORMATION			
Precautions to be Taken in Handling and Storage: FLAMMABLE – KEEP AWAY FROM HEAT AND FLAME. Do not mix chemicals. This product is Flammable. This product is NON-HAZARDOUS for transport according to DOT/JUN regulations. Note: solutions of alcohol containing 24% or less alcohol and at least 50% water maybe reclassified as a combustible, and are excepted from flammable labeling. Keep container tightly closed when not in use.			