MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910,1200)

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

Health.... 2
Flammability.... 3
Reactivity.... 0
Protection.... B

A = Safety Glasses
B = **A** + Gloves
C = **B** + Apron
D = **C** + Face Shield
E = **B** + Dust Mask
F = **C** + Dust Mask
G = **B** + Respirator
H = **F** + Goggles
I = **B** + Respirator
X = Ask Supervisor
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

SECTION I - PRODUCT IDENTIFICATION

Product Code: 656N **Supersedes date: May 21, 1999** **Section(s) changed: I, II, IV, VII, VIII, X** **Effective date: March 21, 2003**

PRODUCT NAME: PIPPIN 30% ALCOHOL
GENERIC NAME: Glass Cleaner Concentrate
DISTRIBUTORS NAME: Pippin Wholesale Co.
INFORMATION PHONE NUMBER: 800-737-7700
CHEMICAL FAMILY: General Purpose Detergent
FORMULA: Proprietary Mixture
DISTRIBUTORS ADDRESS: 512 Hwy. 62/65 North
Harrison, AR 72601
EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT:
PROPER SHIPPING DESCRIPTION: > 1 Qt: Compounds, Cleaning Liquid (Contains isopropanol), 3, NA1993, II LABEL: Flammable
≤ 1 Qt: Consumer Commodity, ORM-D LABEL: None

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	Wt%	OSHA PEL	ACGIH TLV	OTHER
Isopropanol	67-63-0	<30	400 ppm	400 ppm	
2-Butoxyethanol	111-76-2	<10	50 ppm	25 ppm	

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The manufacturer makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will the manufacturer be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

SECTION III - PHYSICAL/CHEMICAL DATA

Boiling Point (°F): 180
Vapor Pressure (mm Hg): 100
Vapor Density (Air=1): 3
Evaporation Rate: (Water=1): GT 1.00
Solubility in Water: Complete
Physical Description: Clear Thin Liquid
Pleasant Odor
Specific Gravity: 0.900
Lbs/Gal Density: 7.5
pH Concentrate: 12
pH Use Dilution: 9

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used): 80 °F LIMITS: LEL: 2.1 UEL: NA
EXTINGUISHING MEDIA: Water spray or fog, foam, dry chemical, carbon dioxide, alcohol foam, if product is involved.
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.

SECTION V - REACTIVITY DATA

Stability: Stable; Store below 115° F.
Hazardous Polymerization: Will not occur.
Incompatibility (Materials to Avoid): Strong oxidizing agents, Bleach.
Hazardous Decomposition Products: If burned, normal combustion products: Carbon Dioxide, Carbon Monoxide; Nitrous Oxides.

SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. DANGER. FLAMMABLE.
Store upright in original closed container.
Other Precautions: Do not get in eyes, on skin or on clothing. Do not use or store near heat, sparks or open flames.

SECTION VII - HEALTH HAZARDS AND FIRST AID

Carcinogenicity:	NTP?	IARC Monographs?	OSHA REGULATED?
NE	NE	NE	YES

EFFECTS OF OVEREXPOSURE:
SKIN: Irritation or burns
EYES: Irritation or burns
INHALATION: Irritation or dizziness
INGESTION: Dizziness, nausea

EMERGENCY FIRST AID PROCEDURES:
SKIN: Wash with soap & water for 15 minutes. See physician if irritation persists.
EYES: Flush with flowing water for 15 minutes & see physician.
INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.
INGESTION: Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Normal room ventilation.
VENTILATION: Local exhaust preferred. Mechanical (general) at point of mist acceptable. Avoid breathing vapor or spray.
PROTECTIVE GLOVES: Solvent proof.
EYE PROTECTION: Safety glasses.
OTHER PROTECTIVE EQUIPMENT: N/A.

SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Isolate from sources of ignition. Mop up & flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls.
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations.

SECTION X - ADDITIONAL FEDERAL REGULATIONS

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

NE - Not Established **NA** - Not Applicable **GT** - Greater Than