

**MATERIAL SAFETY DATA SHEET****SECTION ONE PRODUCT IDENTIFICATION**

PRODUCT NAME WINDOW CLEANER

CHEMICAL FAMILY

Liquid detergent

SUPPLIERS NAME

EDWARDS CHEMICAL

EMERGENCY CONTACT

ADDRESS 515 MIDDLETON STREET

1-800-752-6589

CITY STATE ST. JOSEPH, MO. 64505

**SECTION TWO HAZARDOUS INGREDIENTS**

MATERIAL OR COMPONENT

HAZARD DATA

Isopropanol CAS 67-63-0

400 ppm TLV/TWA

## DOT DESCRIPTION

Compounds, cleaning liquid (Containing Isopropanol) 3, NA 1993, II

NFPA Health-1 Flammability-3 Reactivity-0 Other-

HMIS Health-1 Flammability-3 Reactivity-0 Other-

**SECTION THREE PHYSICAL AND CHEMICAL CHARACTERISTICS**

BOILING POINT

180 F

SPECIFIC GRAVITY

0.906

VAPOR PRESSURE

Heavier than air

SOLUBILITY IN WATER

Complete

REACTIVITY IN WATER

Non-reactive

APPEARANCE AND ODOR Blue with alcohol odor.

**SECTION FOUR FIRE AND EXPLOSION DATA**

FLASH POINT

80 degrees F

FLAMMABLE LIMITS LEL 2 UEL 12

EXTINGUISHING MEDIA Use water fog, foam, dry chemical, or CO2

SPECIAL FIRE FIGHTING PROCEDURE

Wear self contained breathing apparatus.

UNUSUAL FIRE EXPLOSION HAZARDS Containers should be cooled with water to prevent rupture.

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**SECTION FIVE** *REACTIVITY DATA*

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**STABILITY** Stable**INCOMPATIBILITY** Strong oxidizing agents**HAZARDOUS DECOMPOSITION PRODUCT** Carbon monoxide**HAZARDOUS POLYMERIZATION** will not occur

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**SECTION SIX** *HEALTH INFORMATION*

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**EFFECTS OF OVEREXPOSURE****EYES** Moderately irritating to the eyes.**SKIN** May be mildly irritating to the skin.**INHALATION** May cause mild irritation to mucus membranes.**INGESTION** May cause nausea.

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**SECTION SEVEN** *EMERGENCY AND FIRST AID PROCEDURES*

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**EYES** Flush with clear water for 15 minutes . Contact a physician immediately**SKIN** Rinse well with water. If irritation persists, consult a physician.**INHALATION** Remove to a fresh air source. Give oxygen if available.**INGESTION** Do not induce vomiting.

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**SECTION EIGHT** *SPECIAL PROTECTION INFORMATION*

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**EYE PROTECTION** Safety glasses**GLOVES** Water resistant**VENTILATION** Mechanical is satisfactory**RESPIRATORY PROTECTION** If TLV is exceeded, wear a NIOSH approved respirator.**OTHER PROTECTIVE EQUIPMENT** Boots and apron if working conditions merit.

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**SECTION NINE** *SPILL OR LEAK PROCEDURES*

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**IN CASE OF SPILL**

Extinguish all open flames, mop up and dilute with large amounts of water.

**WASTE DISPOSAL METHOD**

Landfill in accordance with local, state, and federal regulations.

**STORAGE AND HANDLING PRECAUTION**

Keep container closed when not in use. Store away from heat or open flame.

**PREPARED BY:** KENT D. ZIMMERMAN **TITLE:** CHEMIST **DATE** 6-27-95