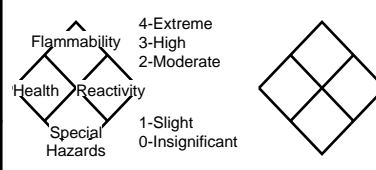


# MATERIAL SAFETY DATA SHEET

POLAROID CORPORATION  
OFFICE OF HEALTH, SAFETY, & ENVIRONMENTAL AFFAIRS  
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Data Sheet No. <b>M-0824</b>	Revision <b>I</b>	NFPA FIRE HAZARD SYMBOL
		
Compiled by: <b>E. Karger</b>	Issue Date: <b>01-FEB-1999</b>	

## SECTION I - PRODUCT AND COMPANY IDENTIFICATION

COMMON NAMES: POLACLEAN; POLACLEAR

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY: ALCOHOL, AQUEOUS SOLUTION  
FORMULA: Mixture

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## INGREDIENTS

Please note that chemicals present in the mixture in concentrations below 1% which are considered not to be a hazard may not be included in the list of ingredients

Material	%	MSDS#	CAS#	PL# /Comments
ISOPROPANOL; ISOPROPYL ALCOHOL	5	O-0078	000067-63-0	
WATER	95		007732-18-5	

## SECTION III - HAZARDS IDENTIFICATION

Hazard Signal Word

**CAUTION**

### Hazards

Practically nonflammable

### Precautionary Measures

Keep heat, sparks, open flame away from confined vapors.  
Wash thoroughly after handling

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## INGREDIENT EXPOSURE LIMITS

### ISOPROPANOL; ISOPROPYL ALCOHOL

Polaroid Exposure Guideline:	PEG	200	ppm	
	STEG	500	ppm	
OSHA Permissible Exposure Limit:	PEL/TWA	400	ppm	
	STEL	500	ppm	
ACGIH	TLV/TWA	400	ppm	
	STEL	500	ppm	
IDLH	IDLH	2000	ppm	[LEL]

## SECTION IV - FIRST AID MEASURES

### EYE CONTACT:

In case of eye contact, flush eyes with plenty of water.

### SKIN CONTACT:

In case of skin contact, flush affected area with plenty of water.

### INHALATION:

If inhaled, remove to fresh air; if still having difficulty breathing, seek Medical attention.

### INGESTION:

If swallowed, seek Medical attention.

## SECTION V - FIRE FIGHTING MEASURES

**Flash Point:** (Tag Closed Cup): 49 °C (120°F)

### Recommended Fire Extinguishing Media:

None. If vapors ignite, flash will self extinguish.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

No special precautions required. .

## SECTION VII - HANDLING AND STORAGE

Not Available

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

### RECOMMENDED VENTILATION:

Not normally required.

### RESPIRATORY PROTECTION:

Not normally required.

POLACLEAN; POLACLEAR

ND = No Data  
NA = Not Applicable

M-0824 Rev. I /Page 2 of 5

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION (CONT.)

### EYE PROTECTION:

Not normally required.

### SKIN PROTECTION:

Not normally required.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and Odor:** Water white liquid; alcohol odor

**Melting Point:** ND  
**Boiling Point:** ND  
**Specific Gravity(H<sub>2</sub>O=1):** 0.99  
**% Solubility in Water:** @ 20°C: dilutable  
**Vapor Density (AIR=1):** ND  
**% Volatiles by volume:** 100  
**Vapor Pressure:** ND  
**Evaporation Rate:** ND  
**pH:** 7.41  
**Pour Point:** ND  
**Softening Point:** ND  
**Viscosity:** ND  
**Bulk Density:** ND  
**Surface Tension:** ND  
**Log Kow:** ND

## SECTION X - STABILITY AND REACTIVITY

### Hazardous Reactivity:

Compound is considered stable.

## SECTION XI - TOXICOLOGICAL INFORMATION

### INHALATION:

Not rated acutely toxic

### SKIN CONTACT:

Not a skin irritant

### SKIN ABSORPTION:

Not likely to be absorbed in toxic amounts

### EYE:

Not an eye irritant

### INGESTION:

Not rated acutely toxic

## **SECTION XII - ECOLOGICAL INFORMATION**

**Not Available**

## **SECTION XIII - DISPOSAL CONSIDERATIONS**

**Not Available**

## **SECTION XIV - TRANSPORT INFORMATION**

**Not Regulated**

## **OTHER D.O.T. INFORMATION**

Product not regulated.

## **SECTION XV - REGULATORY INFORMATION**

All ingredients are listed on the TSCA inventory

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Product Regulations (CPR) and the MSDS contains all the information required by the CPR.

## **SECTION XVI - OTHER INFORMATION**

**Not Available**

## Revision Information

### Revised Sections Since Last Version:

Section I - Product & Company Identification

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REVISION DATE: 01-FEB-1999

REPLACES SHEET DATED:

09-JUN-1998

COMPLETED BY: Polaroid Corp. Office of Health, Safety, & Environmental Affairs

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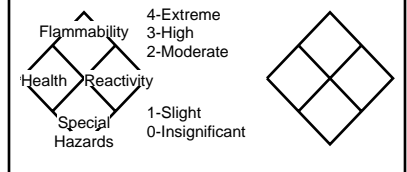
NOTICE: This data sheet is a compilation of available and relevant information, developed for internal use, from literature, vendor and company sources and is subject to change. The information in this data sheet is based on an assessment of the constituents in, and properties of, the mixture and not necessarily on direct test data on the mixture itself.

Data Sheet No. **M-0824**

Revision **I**

**NFPA FIRE HAZARD SYMBOL**

## Drum Label Information



### HAZARD SIGNAL WORD

**CAUTION**

### HAZARDS

Practically nonflammable

### PRECAUTIONARY MEASURES

Keep heat, sparks, open flame away from confined vapors.  
Wash thoroughly after handling

### EMERGENCY AND FIRST AID PROCEDURES

In case of eye contact, flush eyes with plenty of water.

In case of skin contact, flush affected area with plenty of water.

If inhaled, remove to fresh air; if still having difficulty breathing, seek Medical attention.

If swallowed, seek Medical attention.

### SPILL CONTROL:

No special precautions required. .

### OTHER D.O.T. INFORMATION

Product not regulated.