

**CPFILMS, INC.**  
**MATERIAL SAFETY DATA SHEET**

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CPFilms, Inc.  
P. O. Box 5068  
Martinsville, VA 24115

Telephone Numbers:  
Emergency - 540-627-3000  
Product Information - 540-627-3000  
Chemtrec 1-800-424-9300 (day/night)

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**MATERIAL IDENTIFICATION**

PRODUCT NAME X-100  
CHEMICAL FAMILY: Acidic surfactant

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**PHYSICAL DATA**

Boiling Point	212deg. F	Solubility (Water)	Miscible
Vapor Pressure	N/A	Odor	
Vapor Density	N/A	Appearance -Water	clear liquid
% Volatiles	98.50	Evaporation Rate (Water=1):	1
pH of Product	1.5 - 2.5	Specific Gravity	1.002

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**CHEMICAL COMPONENTS**

<u>Component / C.A.S.</u>	<u>Hazard from % - to %</u>	<u>T.L.V.</u>
(1) Octylphenoxy polyethoxy ethanol	1 - 5	
(2)	Irritant	

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**FIRE AND EXPLOSION DATA**

Flash Point (F')...Note at 212 deg. F  
Flammable Limits: (upper) N/A (lower) N/A  
Extinguishing Media. Dry chemicals, foam, carbon dioxide, water spray.  
Special Fire-fighting Procedures... Must be equipped with self-contained breathing apparatus.  
Unusual Fire and Explosion Hazards...None

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**HEALTH HAZARD DATA**

TLV: N/A PEL: N/A  
Eyes: May cause mild irritation  
Skin: Prolonged contact may cause irritation  
Inhalation: None  
Ingestion: No specific data available. It is advised not to ingest.  
Effects of Overexposure: See Above

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**FIRST AID**

Eyes: Flush with plenty of water. If irritation persists, get medical attention.  
Skin: Wash with soap and water. If irritation occurs, get medical attention.  
Inhalation: Move to fresh air and allow to rest.  
Ingestion: DO NOT INDUCE VOMITING. Give glass of milk or water to dilute the effect.  
Consult physician.

## **REACTIVITY DATA**

Stability: Stable  
Conditions to Avoid:  
Incompatibility: Oxidizing Agent  
Hazardous Decomposition Products: Carbon dioxide, Carbon monoxide  
Hazardous Polymerization will not occur  
Conditions to Avoid

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## **Spill or Leak Procedures**

Stop flow  
Avoid skin contact  
Neutralize  
Observe Federal spill & water Quality regulations  
Absorb or scrape up material  
Wash away with water

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## **WASTE DISPOSAL METHOD**

After spill is contained, and the excess is absorbed onto an absorbent medium, dispose of it in accordance with applicable local, state and federal regulations.

## **SPECIAL PROTECTION INFORMATION**

Respiratory

- 1 Usually None
- 2 Particle Removing air purifying respirator (mechanical filter)
- 3 Gas and vapor removing air purifying respirator (canister)

Skin Gloves  
Eyes Safety Glasses  
Ventilation X General Ventilation / Local Exhaust  
Other Protection

## **SPECIAL PRECAUTIONS**

No special precautions beyond routine prudent safe handling of chemical substances are necessary.

## **REGULATORY INFORMATION**

DOT Shipping Name Not regulated by DOT  
Hazard Class None  
UN/NA None  
Reportable Qty  
S.A.R.A. See Section III  
T.S.C.A. All chemicals are listed on the TSCA inventory  
O.S.H.A. Hazard Class  
Health 1 Reactivity 0  
Flammability 0 Personal Protection

## **MISCELLANEOUS**

Date of last Revision: 2/25/99 company contact Robert Roetken/James Ketterer