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MATERIAL SAFETY DATA SHEET

Date 12/06/01

SECTION I IDENTIFICATION

Product Name: LENS CLEANING SOLUTION
 Chemical Name:
 Synonym:
 Formula: MIXTURE

23490

SECTION II HAZARDOUS INGREDIENTS DATA

Hazardous Components:

Threshold Limit Values

	CASRN	%	OSHA-TWA		OSHA-STEL	
			ppm	mg/m3	ppm	mg/m3
2-PROPANOL	67-63-0	15	400	980	NE	NE

Non-hazardous components:

	CASRN	%
SODIUM DODECYL SULFATE	151-21-3	2%
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8	2%
WATER	7732-18-5	81%

SECTION III PHYSICAL DATA

Boiling Point	: N/D	% Volatiles by Volume	: 98
Vapor Pressure @ 20 C degrees	: N/D	Evaporation Rate (Butyl Acetate = 1)	: N/D
Vapor Density	: N/D	Specific Gravity	: 1.0
Solubility in Water	: SOLUBLE	Melting Point	: N/D

Appearance and Odor : CLEAR COLORLESS LIQUID

SECTION IV EXPLOSION AND FIRE HAZARD DATA

Flash Point: 90 FLAMMABLE LIQUID
 Test Method: PMCC

Flammable Limits:
 LEL: N/D UEL: N/D

Extinguishing Media: water, carbon dioxide, dry chemical powder, foam
 Special Fire Fighting Procedures: Firefighters must wear self-contained breathing apparatus and fully protective equipment.

Unusual Fire and Explosion Hazards: Use water spray to disperse vapor.

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N/A - Not Applicable; NE = Not Established; N/D = No Data

SECTION V HEALTH HAZARD

Route(s) of Entry: Inhalation: yes Skin: yes Ingestion: yes
RTECS#: NA Carcinogenicity: no
Health Hazards (acute and chronic): Unknown. Possible irritant.
Medical Conditions Generally Aggravated by Exposure: NE

Signs and Symptoms of Exposure: Chemical, physical and toxicological properties are not established for this material. Handle with the care required by good laboratory technique.

Emergency and First Aid Procedures:

Skin Contact: Wash affected area with copious amounts of water.

Eye Contact: Flush eyes with water for at least 15 minutes.

Inhalation: Remove to fresh air. Give oxygen or artificial respiration, as needed.

Ingestion: Call physician.

Seek medical treatment if discomfort persists.

SECTION VI REACTIVITY DATA

Stability: stable

Conditions to Avoid: high temperature

Incompatibility: NE

Hazardous Decomposition Products: NE

Hazardous Polymerization: will not occur

SECTION VII SPILL OR LEAK PROCEDURES

Steps to be Taken in case Material is Released or Spilled: Wear self-contained breathing apparatus, rubber boots and gloves. Absorb on sand, vermiculite, sawdust and put in a container for future disposal. Wash and ventilate spill site after pickup is complete.

Waste Disposal Method: Dissolve or mix the material with a combustible. Dispose of insolvent and burn in and EPA licenced chemical incinerator equipped with an afterburner and scrubber. Dispose in compliance with all local, state, and Federal regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

Respiratory Protection: OSHA/MHSA approved respirator if needed

Ventilation: mechanical ventilation

Protective Gloves: rubber

Eye Protection: safety goggles

Other Protective Equipment: safety shower and eye bath

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Store material at 25 C. Keep storage container tightly closed. Avoid contact with skin and eyes. Do not inhale. Wash thoroughly after handling.