



Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	MIR-O-LEN, OPTICAL CLEANING SOLUTION
National Stock Number	6850011967568
CAGE Code	CLAUS
Part Number Indicator	A
MSDS Number	194210
HAZ Code	D

SECTION II - Manufacturer's Information

Manufacturer Name	CLAUSING, INC
Street	8038 MONTICELLO AVE
City	SKOKIE
State	IL
Country	US
Zip Code	60076-3438
Emergency Phone	(708) 676-0330
Information Phone	(708) 676-0330

MSDS Preparer's Information

Date MSDS Prepared/Revised	12OCT00
Active Indicator	Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	REDDISH COLOR/FRAGRANT ODOR
Boiling Point	190
Vapor Pressure	47
Vapor Density	1.3
Specific Gravity	0.993
Evaporation Rate	0.81
Solubility in Water	SOLUBLE
Container Type	R
Container Pressure Code	4
Temperature Code	8
Product State Code	U

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	UNK
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SECTION V - Reactivity Data

Stability	YES
Materials to Avoid	STRONG OXIDIZINE AGENTS
Hazardous Polymerization	NO

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	[EYES]IRRITATION [SKIN]IRRITATION [INHALE] NASAL AND RESPIRATORY IRRITATION AND CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, VOMITING AND DIARRHEA, [INGEST] GASTRO-INTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA
Symptoms of Overexposure	MILD SKIN IRRITATION
Medical Cond. Aggrevated by Exposure	N/A
Emergency/First Aid Procedures	EYE]FLUSH WITH WATER IF SEVERE, CALL PHYSICIAN. [INGEST] INDUCE VOMITING, CALL PHYSICIAN

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	CONTAIN SPILL. WASH DOWN WITH WATER
Waste Disposal Method	COMPLETELY BIODEGRADABLE
Handling and Storage Precautions	NONE
Other Precautions	NONE

SECTION VIII - Control Measures

Ventilation	USE IN WELL VENTILATED AREA
Protective Gloves	OPTIONAL
Eye Protection	SPLASH GOGGLES ADVISED
Other Protective Equipment	NO
Work Hygenic Practices	WASH HANDS AFTER USE

SECTION IX - Label Data

Protect Eye	NO
Protect Skin	NO
Protect Respiratory	NO
Chronic Indicator	UNKNOWN
Contact Code	UNKNOWN
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

SECTION X - Transportation Data

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	8.28
Volatile Organic Compounds (G/L)	992.2656

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	ETHANOL
CAS Number	64175
Proprietary	NO
Percent	0
OSHA PEL	1000 PPM
ACGIH TLV	1000 PPM
