



MATERIAL SAFETY DATA SHEET

Chemical Product and Company Identification

LABEL IDENTIFIER: C-Clear Lens Cleaning Towelettes

PRODUCT IDENTIFIER: P/N 10022087, Towelettes, Lens Cleaning

COMPANY IDENTIFICATION: MINE SAFETY APPLIANCES COMPANY
P.O. Box 439
Pittsburgh, PA 15230
CUSTOMER SERVICE: 1-800-MSA-2222 (8:30 a.m. – 5:00 p.m., USA local time)
EMERGENCY: 1-800-255-3924 (CHEM-TEL, INC.)

Vendor Information

A Material Safety Data Sheet as furnished by C-Clear, Inc., for C-Clear Towelettes is attached (2 Pages Total).

C-Clear, Inc. MSDS REVISION DATE: November 2004

Other Information

WARNING: This is a hazardous chemical product. By following the directions and warnings provided with this product, the hazards associated with the use of this product can be greatly reduced but never entirely eliminated. Mine Safety Appliances Company makes no warranties, expressed or implied, with respect to this product and EXPRESSLY DISCLAIMS THE WARRANTY OF MERCHANTABILITY AND ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. Users assume all risks in handling, using or storing this product.

MATERIAL SAFETY DATA SHEET
C-CLEAR INC.
P.O. Box 145
BRIDGEVILLE, PA 15017
412-257-1901

Emergency Telephone: CALLINFOTRAC: 1-800-535-5053
Date Prepared: January 1, 2002 – Updated November 2004

SECTION I – PRODUCT IDENTIFICATION

PRODUCT NAME: C-Clear Towelettes
PRODUCT NUMBERS: 70, 70-10, 70BP, 75, 55
DOT HAZARD CLASSIFICATION: C-Clear towelette fluid is a mixture.
A DOT classification label or number is not required.

SECTION II – COMPONENTS

INGREDIENT (CAS No.)	% (by WT/VOL)	OSHA PEL	OSHA STEL	ACGIH TWA	ACGIH STEL
7732-18-5	Water	80	-	-	-
67-63-0	Isopropyl Alcohol	15.0	980	-	400
Proprietary	Anti-Fog	<1	-	-	-
68391-01-5	Anti-Stat	<1	-	-	-
151-21-3	Sodium Dodecyl Sulfate	2	-	-	-
34590-94-8	Dipropylene Glycol	2	-	-	-
	Monomethyl Ether				

SECTION III – PHYSICAL DATA

Boiling Point: Range 181 – 554 degrees
Vapor Pressure: @20 deg C = 32.8
Specific Vapor Density: Air = 1 n/a
Specific Gravity: @20 deg C = 0.97
Evaporation Rate: (N-Butyl Acetate = 1) 1.25
Odor: Mild Isopropyl Alcohol Smell

SECTION IV – FIRE AND EXPLOSION INFORMATION

Flash Point: 100 degree minimum per Title 49, Federal Regs Hazardous Materials.
National Fire Protection Association (NFPA) Hazard System

Ingredient	Health	Flammability	Reactivity	% of Mixture
Isopropyl Alcohol	1	3	0	15.0

Explosive Limits: n/a
Extinguishing Media: Use water spray, carbon dioxide, dry chemical, alcohol-type, or universal type foams,
applied by manufactures recommended techniques.
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None
Product: C-Clear towelette

SECTION V – HEALTH HAZARD DATA

Effects of Overexposure:
Eyes: If splashed in eyes may cause temporary irritation.
Skin: Prolonged exposure may cause skin irritation.
Inhalation: If excessive, may cause drowsiness.
Swallowing: Will cause gastro-intestinal irritation.

First Aid

If on skin, wash with soap and water.

If in eyes, flush with water. In case of excessive irritation, consult a physician.

If breathed for a long period, remove to fresh air.

If swallowed, drink two glasses of water, induce vomiting.

If a significant amount has been swallowed, consult a physician.

Carcinogens: None of the ingredients in this mixture has been identified as a carcinogenic or a probable carcinogen by NTP, IARC OR OSHA.

SECTION VI – REACTIVITY DATA

Stability: Stable.

Hazardous polymerization: Will not occur.

Incompatibility: None known

SECTION VII – SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Flush with water or use a dry absorbent.

Waste Disposal Method: If dry absorbent is used, the refuse may be incinerated or buried in accordance with federal or local regulations. C-Clear towelette fluid is not a hazardous waste as specified in 40 CFR 261.

SECTION VIII – PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Respiratory Protection: None required for normal use.

Ventilation: Normal room ventilation.

Protective Gloves: None required for normal use.

Eye Protection: None required.

Other Protective Equipment: None required.

SECTION IX – SPECIAL PRECAUTIONS

Normal care in handling and storage is all that is required.

SECTION X – OTHER REGULATORY INFORMATION

C-Clear towelettes are a product used to clean eyeglasses and to apply an anti-fogging/anti-static coating. Department of Transportation: Because it is a mixture, a Department of Transportation classification label or number is not required. However, one ingredient is individually regulated and does have a DOT label and number.

The percent by volume in our product is listed in parenthesis:

Isopropyl alcohol flammable liquid UN1219 (15.0%)

This product does not contain ingredients that are regulated by the following laws or regulations:

EPA SARA Title III Section 313

Resource Conservation and Recovery Act (RCRA)

Proposition 65 – California Safe Drinking Water and Toxic Enforcement Act of 1986.

TSCA

Work Place Hazardous Materials Information System of Canada.

Right-to-Know State Lists: The following chemical is included on the Massachusetts and New Jersey lists:

Isopropyl Alcohol CAS # 67-63-0

The information presented herein has been compiled from sources considered to be dependable and accurate to the best of the seller's knowledge. While C-Clear Inc. believes the data to be factual and based on the opinions of qualified experts, the data is not to be taken as warranty or representation for which C-Clear Inc., assumes legal responsibility. This information is offered solely for your consideration, investigation and verification.