

MAGIC SAFETY PRODUCTS
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FOR CHEMICAL EMERGENCY CALL CHEMTREC 1-800-424-9300

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers and users of this products.

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PRODUCT IDENTIFICATION

Product Description :Cleaning Agent
 Trade Name :**MAGIC LENS CLEANING ANTI-FOGGING FLUID**
 DOT Shipping Name.....Combustible liquid n.o.s., NA 1993 , PG III
 DOT Hazard Class.....3
 Co. ID No:851F
 CAS No.....Mixture
 UN/NA #.....NA 1993

SECTION I- HAZARDOUS INGREDIENTS / EXPOSURE LIMITS

HAZARDOUS INGREDIENTS	%	TLV	AGENCY	TYPE
Water (CAS #7732-18-5)		87 Established	None	
Isopropyl Alcohol (CAS#67-63-0)	10	400 PPM	ACGIH	TWA
Surfactant / dispersant		(NJ TSRN 72706800-50000P)		
Isobutane * (CAS # 75-28-5)	1	900PPM	ACGIH	TWA
Propane * (CAS # 74-98-6)				

(* either / or)

SECTION IA- SARA 313 LISTED CHEMICALS

<u>LISTED INGREDIENTS</u>	<u>CAS#</u>	<u>WT. % RANGE</u>
NONE		

SECTION II- EMERGENCY AND FIRST AID PROCEDURES

WARNING : COMBUSTIBLE LIQUID – KEEP AWAY FROM SOURCE OF IGNITION

Eye Contact : Aerosol : Follow directions for 55 gallon.
 55 Gallon : If irritation or redness develops, flush eyes with clean water and seek medical attention. For direct contact ,hold eyelids apart for at least 15 minutes. Seek medical attention.

Skin Contact : Aerosol: Not expected to be hazard under normal operating conditions.
 55 Gallon: Remove contaminated shoes and clothing and cleanse affected areas thoroughly by washing with mild soap and water. If irritation persists seek medical attention.

Inhalation: Aerosol: Not expected to be hazard under normal operating conditions.
 (Breathing) 55 Gallon: Immediately move person away from exposure and into fresh air. If respiratory symptoms or other symptoms of exposure develop, seek immediate medical attention.

Ingestion : If swallowed, seek emergency medical attention. If person is drowsy or unconscious, place on (Swallowing) left side with head down. Do not give anything by mouth.

SECTION III- SPECIAL PROTECTION INFORMATION

Ventilation : Not expected to be a hazard under normal operating conditions.
 Respiratory Problems: Not expected to be a hazard under normal operating conditions.
 Protective Gloves: Not expected to be a hazard under normal operating conditions.
 Eye Protection : Not expected to be a hazard under normal operating conditions.

SECTION IV-REACTIVITY DATA

Stability : Stable
Incompatibility (materials to avoid): This product is incompatible with : Strong acids and bases.
Hazardous Decomposition Products: Thermal decomposition will lead to release of carbon dioxide, Carbon monoxide
Hazardous Polymerization: Will not occur.

SECTION V- SPILL OR LEAK PROCEDURES

Precautions in case of leak or spill: Contain spill in a disked area and clean to prevent from entering Storm drains and streams.
Waste disposable method: Dispose of product in accordance with local , county, state and Federal regulations.

SECTION VI- STORAGE AND SPECIAL PRECAUTIONS

Handling and Storage precautions : Keep all containers tightly closed, cool, dry and away from all Sources of ignition.

SECTION VII- FIRE AND EXPLOSION DATA

Flammable limits : **l_{el}: 2**
(vol. % in air) **U_{el}: 12.7**
Extinguishing Media: Extinguish with dry chemical, CO₂, or a universal type foam.
Fire and Explosion Hazard: This material is a combustible product and is therefore a potential fire hazard when exposed to hot surfaces or to sparks and flames.
Fire Fighting Procedures: Wear appropriate protective equipment including respiratory protection as conditions warrant (See Section IV). Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat or flame. Avoid spreading burning liquid with water used for cooling purposes. ISOPROPANOL burns with a non-visible flame, therefore care must be taken when fighting fires.

SECTION VIII – PHYSICAL DATA

Approximate boiling point (Deg. F).....180
Percent Volatile:.....100
Specific Gravity (68 F).....0.965
Flash Point, (TCC, DEG F) :102
Relative evaporation rate (estimated) :.....>1 (nBuOAC=1)
Percent Solubility in Water (estimated) :.....Complete
Vapor pressure @ 20 C (mmHg calculated):.....10

SECTION IX – OTHER REGULATORY DATA

SARA : See section 1A
TSCA : All products are listed in the TSCA inventory
RCRA : Check with local, state and federal agencies
Proposition 65 : Not listed
Canadian DSL : Listed
Carcinogenicity : Not listed with IARC or NTP
HMIS : Health : 1
Flammability: 1
Reactivity: 0
CERCLA: NONE
PRODUCT : LENS CLEANING FLUID (AEROSOL)
DATE OF ISSUE : 8/08 Prepared for MAGIC by : BMTS