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MSDS

**Common Name:** SIGHT SAVERS ANTI-FOG LIQUID WITHOUT SILICONE**Manufacturer:** BAUSCH & LOMB**MSDS Revision Date:** 10/16/2008**Grainger Item Number(s):** 2LBC5, 2LBC7, 6AG66, 8A342, 9AJ36, 9CE08, 9DT01, 9WPK8, 9WR61**Manufacturer Model Number(s):**

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BAUSCH &amp; LOMB (TM)

SIGHT SAVERS BRAND ANTI-FOG LIQUID WITHOUT SILICONE

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE: 10/16/08

SUPERSEDES: 8/26/05

## SECTION 1: IDENTIFICATION



PRODUCT:

PRODUCT NAME: SIGHT SAVERS BRAND ANTI-FOG LIQUID WITHOUT SILICONE

PRODUCT DESCRIPTION: PRE-MOISTENED LENS CLEANING TISSUE

PRODUCT CODE(S):

68GM, 69GM, 8563GMP, 8565GM, 8568GMP, 8569GM, 8570GM, 143060GM, 1360MS

INTENDED USE: CLEANING AGENT FOR GLASS AND PLASTIC LENSES

COMPANY IDENTIFICATION:

BAUSCH & LOMB, INCORPORATED  
1400 N. GOODMAN STREET  
ROCHESTER, NEW YORK 14609

FOR INFORMATION: 1-800-553-5340

EMERGENCY TELEPHONE NUMBER:  
24-HOUR EMERGENCY: 1-800-535-5053

## SECTION 2: HAZARD(S) IDENTIFICATION



### EMERGENCY OVERVIEW:

CLEAR LIQUID. AVOID EYE CONTACT. NOT FOR USE ON CONTACT LENSES. MAY CAUSE SKIN IRRITATION OR DRYNESS. INGESTION MAY CAUSE GASTRIC AND INTESTINAL IRRITATION. SEEK MEDICAL ATTENTION.

### PRECAUTIONS:

THIS PRODUCT IS INTENDED TO BE USED AS A LENS CLEANING AGENT FOR EYEGLASSES, SAFETY GLASSES, FACE SHIELDS OR OTHER SIMILAR GLASS AND PLASTIC LENS MATERIALS. IF YOU ARE SENSITIVE TO ANY OF ITS COMPONENTS, DO NOT USE. USE ONLY IN ACCORDANCE WITH LABEL INSTRUCTIONS. NOT FOR USE ON CONTACT LENSES.

### POTENTIAL HEALTH EFFECTS:

EYE: AVOID CONTACT WITH THE EYE. MAY CAUSE SEVERE EYE IRRITATION.

### SKIN:

FREQUENT OR PROLONGED CONTACT WITH SKIN OR MUCOUS MEMBRANES MAY CAUSE IRRITATION OR DRYNESS.

### INGESTION:

NOT EXPECTED TO BE AN EXPOSURE ROUTE. HOWEVER, MAY CAUSE GASTRIC AND INTESTINAL IRRITATION IF INGESTED.

### INHALATION:

NOT EXPECTED TO BE A SIGNIFICANT EXPOSURE ROUTE. VAPOR OR MIST MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

CHRONIC HEALTH EFFECTS: NONE IDENTIFIED.

### CARCINOGENICITY:

NTP: NA

IARC: (CAS# 67-63-0) GROUP 3, NOT CLASSIFIABLE FOR HUMAN.

OSHA: NA

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS



### REPORTABLE HAZARDOUS SUBSTANCES:

| CAS #      | CHEMICAL IDENTITY                  | CONCENTRATION,<br>% W/W | EINECS / ELINCS # |
|------------|------------------------------------|-------------------------|-------------------|
| 67-63-0    | ISOPROPYL ALCOHOL                  | 12                      | 200-661-7         |
| 34590-94-8 | DIPROPYLENE GLYCOL<br>METHYL ETHER | 2                       | 252-104-2         |
| NA         | OTHER NON-HAZARDOUS<br>COMPONENTS  | 86                      | NA                |

## SECTION 4: FIRST AID MEASURES



**INHALATION:**

NORMAL USE OF THIS PRODUCT DOES NOT POSE AN INHALATION HAZARD. HOWEVER, SHOULD RESPIRATORY TRACT IRRITATION DEVELOP, DISCONTINUE USE AND REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF IRRITATION OR OTHER SYMPTOMS DEVELOP OR PERSIST.

**SKIN CONTACT:**

SHOULD IRRITATION DEVELOP, DISCONTINUE USE. WASH AFFECTED SKIN THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION OR OTHER SYMPTOMS DEVELOP OR PERSIST.

**EYE CONTACT:**

HOLD EYELIDS APART AND FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

**INGESTION:**

IF SWALLOWED, DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.

**NOTE TO PHYSICIAN:**

MATERIAL IF INGESTED MAY BE ASPIRATED INTO THE LUNGS AND CAN CAUSE CHEMICAL PNEUMONITIS. TREAT APPROPRIATELY.

**SECTION 5: FIRE FIGHTING MEASURES****EXTINGUISHING MEDIA:**

CARBON DIOXIDE, DRY CHEMICAL POWDER, APPROPRIATE FOAM OR WATER FOG.

**HAZARDOUS COMBUSTION PRODUCTS:**

DURING A FIRE, IRRITATING AND HIGHLY TOXIC GASES MAY BE GENERATED BY THERMAL DECOMPOSITION OR COMBUSTION.

**SPECIAL FIRE FIGHTING INSTRUCTIONS:**

AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR TO PREVENT CONTACT WITH SKIN AND EYES.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS:**

WEAR SUITABLE PROTECTIVE EYEWEAR, CLOTHING, RESPIRATORY PROTECTION, RUBBER BOOTS AND RUBBER GLOVES.

SHUT OFF ALL SOURCES OF IGNITION. EVACUATE IMMEDIATE AREA. ENSURE ADEQUATE VENTILATION. REFER TO SECTIONS 7 AND 8.

**ENVIRONMENTAL PRECAUTIONS:**

PREVENT SPILLED MATERIAL FROM ENTERING STORM SEWERS OR DRAINS, WATERWAYS, AND CONTACT WITH SOIL.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:****LARGE SPILL (>/=4 LITERS):**

ISOLATE HAZARD AREA. PREVENT FROM ENTERING DRAINS AND SEWERS. COVER WITH VERMICULITE OR OTHER SUITABLE INERT MATERIAL, PICK UP AND PLACE IN CLOSED CONTAINERS. TRANSPORT OUTDOORS AND HOLD FOR WASTE DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

**SMALL SPILL (<4 LITERS):**

ISOLATE HAZARD AREA. PREVENT FROM ENTERING DRAINS AND SEWERS. COVER WITH VERMICULITE OR OTHER SUITABLE INERT MATERIAL, PICK UP AND PLACE IN CLOSED CONTAINERS. TRANSPORT OUTDOORS AND HOLD FOR WASTE DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

REFER TO SECTION 13 FOR APPROPRIATE DISPOSAL PROCEDURES.

**SECTION 7: HANDLING AND STORAGE****HANDLING:**

AVOID CONTACT WITH EYES. AVOID PROLONGED OR REPEATED EXPOSURE TO SKIN OR MUCOUS MEMBRANES, AND BREATHING MISTS/VAPORS. USE IN A WELL VENTILATED AREA, AWAY FROM ALL IGNITION SOURCES. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

**STORAGE:**

STORE PRODUCT AT ROOM TEMPERATURE, IN A WELL VENTILATED PLACE. DISCARD APPROPRIATELY IF PACKAGE INTEGRITY IS COMPROMISED.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****CONTROL PARAMETERS:**

| CAS #      | COMPONENT NAME                  |
|------------|---------------------------------|
| 67-63-0    | ISOPROPYL ALCOHOL               |
| 34590-94-8 | DIPROPYLENE GLYCOL METHYL ETHER |

| COMPONENT<br>NAME                     | OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES |      |           |      |           |      |         |      |     |      | UNITS |
|---------------------------------------|-------------------------------------------|------|-----------|------|-----------|------|---------|------|-----|------|-------|
|                                       | OSHA PEL                                  |      | ACGIH TLV |      | NIOSH REL |      | IRELAND |      | HSE |      |       |
|                                       | TWA                                       | STEL | TWA       | STEL | TWA       | STEL | TWA     | STEL | TWA | STEL |       |
| ISOPROPYL<br>ALCOHOL                  | 400                                       | NE   | 200       | 400  | 400       | 500  | 400     | 500  | 400 | 500  | PPM   |
| DIPROPYLENE<br>GLYCOL<br>METHYL ETHER | 100                                       | 150  | 100       | 150  | 100       | 150  | 50      | 100  | 50  | NE   | PPM   |

N/E: NOT ESTABLISHED

OSHA: OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION

TWA: 8-HOUR TIME-WEIGHTED AVERAGE

PPM: PARTS PER MILLION

N/A: NOT APPLICABLE

STEL: SHORT-TERM EXPOSURE LIMIT

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

C: CEILING LIMIT

NIOSH: NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY & HEALTH

REL: RECOMMENDED EXPOSURE LIMIT

**NOTE:**

LIMITS/STANDARDS SHOWN FOR GUIDANCE ONLY. FOLLOW APPLICABLE REGULATIONS.

**ENGINEERING CONTROLS:**

USE WITH GOOD GENERAL VENTILATION. NO SPECIAL CONTROLS REQUIRED.

**RESPIRATORY PROTECTION:**

NO SPECIAL CONTROLS OR PERSONAL PROTECTION REQUIRED UNDER CONDITIONS OF INTENDED USE.

IN THE EVENT OF A SPILL, A NIOSH-CERTIFIED AIR-PURIFYING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS AND WHEN ADEQUATE OXYGEN IS PRESENT. USE A POSITIVE PRESSURE AIR-SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE OR ANY OTHER CIRCUMSTANCES WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE PROTECTION.

**EYE PROTECTION:**

AVOID CONTACT WITH THE EYE. NO SPECIAL CONTROLS OR PERSONAL PROTECTION

REQUIRED UNDER CONDITIONS OF INTENDED USE.

IN THE EVENT OF A SPILL, APPROPRIATE EYE PROTECTION SHOULD BE WORN.

SKIN PROTECTION:

NO SPECIAL CONTROLS OR PERSONAL PROTECTION REQUIRED UNDER CONDITIONS OF INTENDED USE.

IN THE EVENT OF A SPILL, USE RUBBER GLOVES.

ADDITIONAL PROTECTIVE CLOTHING & EQUIPMENT: NA

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: LIQUID

COLOR: CLEAR

ODOR: SLIGHT ALCOHOL ODOR

ODOR THRESHOLD: NOT DETERMINED

pH-VALUE: 7

MELTING POINT: NOT APPLICABLE

FREEZING POINT: 0 DEG. C (32 DEG. F)

INITIAL BOILING POINT: 100 DEG. C (212 DEG. F)

FLASH POINT: 105 DEG. F ASTM METHOD D3828-98

EVAPORATION RATE: NOT DETERMINED

FLAMMABILITY (SOLID, GAS): FLAMMABLE

EXPLOSION LIMITS: NOT DETERMINED

VAPOR PRESSURE: 30 MM @ 77 DEG. F

VAPOR DENSITY: NOT DETERMINED

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.0

SOLUBILITY: SOLUBLE IN WATER

PARTITION COEFFICIENT: NOT APPLICABLE

AUTO-IGNITION TEMPERATURE: NOT DETERMINED

DECOMPOSITION TEMPERATURE: NOT DETERMINED

VISCOSITY: NOT DETERMINED

## SECTION 10: STABILITY AND REACTIVITY



REACTIVITY: NO KNOWN HAZARDS.

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: NONE ARE KNOWN.

CONDITIONS TO AVOID: HEAT, SOURCES OF IGNITION.

INCOMPATIBLE MATERIALS:

CAUSTICS, STRONG ACIDS, ALKANOLAMINES, STRONG OXIDIZING AGENTS, AND CHLORINATED COMPOUNDS.

HAZARDOUS DECOMPOSITION: NONE KNOWN

## SECTION 11: TOXICOLOGICAL INFORMATION



RTECS NO.: NT8050000

ISOPROPYL ALCOHOL:

TOXICITY DATA:

ORL-RAT:

LD50: 5045 MG/KG

IHL-RAT:

LC50: 16000 PPM/8H

SKN-RBT:

LD50: 12800 MG/KG

IRRITATION DATA:

EYE-RBT: 100 MG SEV

SKN-RBT: 500 MG (MILD)

RTECS NO.: JM1575000

DIPROPYLENE GLYCOL METHYL ETHER:

TOXICITY DATA:

ORL-RAT:

LD50: 5400 (MICRO)L/KG

IRRITATION DATA:

EYE-RBT: 500 MG/24H (MILD)

SKN-RBT: 500 MG (MILD)

NOTE:

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

## SECTION 12: ECOLOGICAL INFORMATION



NO SPECIFIC ECOLOGICAL DATA ARE AVAILABLE FOR THIS PRODUCT.

## SECTION 13: DISPOSAL CONSIDERATIONS



ALL DISPOSAL METHODS MUST BE IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL LAWS AND REGULATIONS. REGULATIONS MAY VARY IN DIFFERENT LOCATIONS. WASTE CHARACTERIZATIONS AND COMPLIANCE WITH APPLICABLE LAWS ARE THE SOLE RESPONSIBILITY OF THE WASTE GENERATOR.

## SECTION 14: TRANSPORT INFORMATION



|               | US DOT             | IATA               | IMO             | RID/ADR        | CANADIAN TDG   |
|---------------|--------------------|--------------------|-----------------|----------------|----------------|
| SHIPPING NAME | CONSUMER COMMODITY | CONSUMER COMMODITY | ALCOHOL, N.O.S. | NO INFORMATION | NO INFORMATION |

|                  |       |                             | (CONTAINS<br>ISOPROPANOL)                      | AVAILABLE | AVAILABLE |
|------------------|-------|-----------------------------|------------------------------------------------|-----------|-----------|
| HAZARD<br>CLASS  | ORM-D | 9                           | 3                                              |           |           |
| UN NUMBER        | NA    | 8000                        | 1987                                           |           |           |
| PACKAGE<br>GROUP | NA    | 910<br>(PACKAGING<br>INST.) | III, LIMITED<br>QUANTITY,<br>F.P. 40.5 C<br>CC |           |           |

AIR FREIGHT AND OCEAN SHIPMENTS REQUIRE ADDITIONAL MARKING AND LABELING.  
PRODUCT CODE 69GM MAY NOT BE SHIPPED VIA AIR OR OCEAN FREIGHT IN DOMESTIC  
CARTONS.

## SECTION 15: REGULATORY INFORMATION



OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200):  
SIGHT SAVERS BRAND ANTI-FOG LIQUID WITHOUT SILICONE IS CONSIDERED HAZARDOUS  
UNDER THE OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION HAZARD COMMUNICATION  
STANDARD.

TOXIC SUBSTANCE CONTROL ACT (TSCA):  
CAS# 67-63-0 IS LISTED ON THE TSCA INVENTORY.  
CAS# 34590-94-8 IS LISTED ON THE TSCA INVENTORY.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

SECTION 302 (EXTREMELY HAZARDOUS SUBSTANCES): NO COMPONENTS LISTED

SECTION 311, 312 (HAZARD CATEGORIES): ACUTE, CHRONIC

SECTION 313 (TOXIC CHEMICALS): NO COMPONENTS LISTED

CALIFORNIA PROPOSITION 65:  
THIS PRODUCT CONTAINS NO LISTED SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA  
TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM, AT LEVELS WHICH  
WOULD REQUIRE A WARNING UNDER THE STATUTE.

## SECTION 16: OTHER INFORMATION



TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE.  
HOWEVER, NEITHER BAUSCH & LOMB INCORPORATED NOR ANY OF ITS SUBSIDIARIES  
ASSUMES ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE  
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ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS  
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