

# ITEM: 2LBC7 - Disposable Lens Cleaning Station

MSDS: L3217

ORDER: 0077753736

LP NUMBER: U270131715-A

## MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

\*\*\*\*\* MATERIAL SAFETY DATA SHEET - L3217 \*\*\*\*\*

Associated Grainger Items  
2LBC5, 2LBC7, 6AG66, 8A342, 9AJ36, 9CE08, 9DT01, 9WPK8, 9WR61

MATERIAL SAFETY DATA SHEET

BAUSCH & LOMB(TM)

SIGHT SAVERS BRAND ANTI-FOG LIQUID WITHOUT SILICONE

EFFECTIVE DATE: 3/24/09

SUPERSEDES: 10/16/08

### SECTION 1: IDENTIFICATION

PRODUCT:

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

PRODUCT DESCRIPTION: DILUTE SOLVENT AND SURFACTANT SOLUTION

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

CLASSIFICATION: FLAMMABLE LIQUID; CATEGORY 3

EYE IRRITATION: CATEGORY 2A

LABELING:

PICTOGRAMS:  
FLAMMABLE  
ACUTE HEALTH HAZARDS OF LOWER SEVERITY

SIGNAL WORD: WARNING

HAZARD STATEMENTS:  
FLAMMABLE LIQUID AND VAPOR  
CAUSES SERIOUS EYE IRRITATION

PRECAUTIONARY STATEMENTS:  
KEEP AWAY FROM IGNITION SOURCES SUCH AS HEAT/SPARKS/OPEN FLAMES - NO SMOKING

NOT FOR USE ON CONTACT LENSES

STORE IN A COOL, WELL-VENTILATED PLACE

USE ONLY IN ACCORDANCE WITH LABEL INSTRUCTIONS.

AVOID RELEASE TO THE ENVIRONMENT.

KEEP OUT OF REACH OF CHILDREN

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

CAS #	CHEMICAL IDENTITY	CONCENTRATION, % W/W	EINECS / ELINCS #
67-63-0	ISOPROPYL ALCOHOL	12	200-661-7
34590-94-8	DIPROPYLENE GLYCOL METHYL ETHER	2	252-104-2
151-21-3	SODIUM LAURYL SULFATE	PROPRIETARY	205-788-1
NA	PERFUME	PROPRIETARY	NA
7732-18-5	PURIFIED WATER	PROPRIETARY	231-791-2

### 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 VOMITTING. 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:  
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 #	OSHA PEL TWA/STEL	ACGIH TLV TWA/STEL	NIOSH REL TWA/STEL	IRELAND TWA/STEL	HSE TWA/STEL	UNITS		
						NE	PPM	
67-63-0	400	200	400	400	500	400	500	PPM
34590-94-8	100	150	100	150	100	50	100	PPM
151-21-3	NE	NE	NE	NE	NE	NE	NE	NA
7732-18-5	NE	NE	NE	NE	NE	NE	NE	NA

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: 40.6 DEG. C (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 (H2O=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 LCS0: 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)

RTECS NO.: WT1050000

SODIUM LAURYL SULFATE:

TOXICITY DATA:  
ORL-RAT LD50: 1288 MG/KG

IRRITATION DATA:  
EYE-RBT: 100 MG/24H (MODERATE)  
SKN-RBT: 50 MG/24H (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 NAME	IATA COMMODITY	IMO COMMODITY	IMD	RID/ADR	ALCOHOL, N.O.S. (CONTAINS ISOPROPANOL)	NO INFORMATION AVAILABLE	CANADIAN TDG INFORMATION
HAZARD CLASS	ORM-D	9		3			
UN NUMBER	NA		8000	1987			
PACKAGE GROUP	NA		910 (PACKAGING INST.)	III, LIMITED QUANTITY, F.P. 40.5 C CC			

AIR FREIGHT AND OCEAN SHIPMENTS REQUIRE ADDITIONAL MARKING AND LABELING. PRODUCT CODE 69CM 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.

REACH: THIS PRODUCT IS EXEMPT FROM REACH REQUIREMENTS.

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.  
CAS# 151-21-3 IS LISTED ON THE TSCA INVENTORY.  
CAS# 7732-18-5 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 INFORMATION CONTAINED HEREIN. FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS THAT EXIST. NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE IS MADE. IN NO EVENT SHALL BAUSCH & LOMB INCORPORATED OR ANY OF ITS SUBSIDIARIES BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.