

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: L0289

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

MATERIAL SAFETY DATA SHEET - L0289

BAUSCH & LOMB (TM)
SIGHT SAVERS ANTI-FOG FORMULA
MATERIAL SAFETY DATA SHEET
EFFECTIVE DATE: 8/26/05
SUPERSEDES: 10/21/02

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SIGHT SAVERS ANTI-FOG FORMULA
PRODUCT CODE: 8576
CHEMICAL FAMILY: NA
MANUFACTURER: BAUSCH & LOMB INCORPORATED
ADDRESS:
1400 N. GOODMAN STREET
ROCHESTER, NEW YORK 14609
FOR INFORMATION: 1-800-553-5340
FOR EMERGENCY: 1-800-535-5053

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	COMPONENT NAME	%W/V
67-63-0	ISOPROPYL ALCOHOL	32
NA	SILICONES (PROPRIETARY)	<10
7732-18-5	PURIFIED WATER, USP	>60
NA	OTHER NON-HAZARDOUS COMPONENTS	<1
TOTAL		100

COMPONENT NAME	OCCUPATIONAL EXPOSURE LIMITS / GUIDELINES										UNITS
	OSHA PEL TWA / STEL	OSHA PEL TWA / STEL	ACGIH TLV TWA / STEL	ACGIH TLV TWA / STEL	NIOSH REL TWA / STEL	NIOSH REL TWA / STEL	IRELAND TWA / STEL	IRELAND TWA / STEL	HSE TWA / STEL	HSE TWA / STEL	
ISOPROPYL ALCOHOL	400	NE	200	400	400	500	400	500	400	500	PPM
SILICONES (PROPRIETARY)	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
PURIFIED WATER, USP	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA
OTHER NON-HAZARDOUS COMPONENTS	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NA

N/E: NOT ESTABLISHED
TWA: 8-HOUR TIME-WEIGHTED AVERAGE
N/A: NOT APPLICABLE
ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
NIOSH: NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY & HEALTH
OSHA: OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION
PPM: PARTS PER MILLION
STEL: SHORT-TERM EXPOSURE LIMIT
C: CEILING LIMIT
REL: RECOMMENDED EXPOSURE LIMIT

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
CLEAR-MOIST TISSUE. AVOID EYE CONTACT. 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.

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: NA
OSHA: NA

SECTION 4: FIRST AID MEASURES

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

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

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

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.

SECTION 5: FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT:
79 DEG. F
CLOSED-CUP
METHOD: ASTM METHOD D3828-97

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

DUE TO THE NATURE OF THE PRODUCT AND ITS PACKAGING, NO HAZARD IS EXPECTED.

SECTION 7: HANDLING AND STORAGE

HANDLING:
NO SPECIAL HANDLING IS REQUIRED. AVOID CONTACT WITH EYES. AVOID PROLONGED OR REPEATED EXPOSURE TO SKIN OR MUCOUS MEMBRANES. WASH THOROUGHLY 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

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.

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

EYE PROTECTION:
AVOID CONTACT WITH THE EYE. NO SPECIAL CONTROLS OR PERSONAL PROTECTION REQUIRED UNDER CONDITIONS OF INTENDED USE.

ADDITIONAL PROTECTIVE CLOTHING & EQUIPMENT: NA

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL PROPERTIES:

APPEARANCE / PHYSICAL STATE:
MOISTENED PAPER TISSUE (REFER TO PRODUCT LABELING FOR DESCRIPTION)

ODOR: SLIGHT ALCOHOL ODOR

CHEMICAL PROPERTIES:

BOILING POINT: NOT APPLICABLE

MELTING POINT: NOT APPLICABLE

VAPOR PRESSURE: UNKNOWN

VAPOR DENSITY: UNKNOWN

SOLUBILITY IN WATER: SOLUBLE

SPECIFIC GRAVITY (H2O = 1): UNKNOWN

pH: NOT APPLICABLE

FREEZING POINT: UNKNOWN

MOLECULAR WEIGHT: NOT APPLICABLE, MIXTURE

SECTION 10: STABILITY AND REACTIVITY

GENERAL: STABLE UNDER NORMAL CONDITIONS.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:
CAUSTICS, AMINES, ALKANOLAMINES, ALDEHYDES, STRONG OXIDIZING AGENTS,
AND CHLORINATED COMPOUNDS.

HAZARDOUS POLYMERIZATION: DOES NOT OCCUR

HAZARDOUS DECOMPOSITION: NONE

SECTION 11: TOXICOLOGICAL INFORMATION

RTEC NO.: NT8050000

ISOPROPYL ALCOHOL:

IRRITATION DATA:
EYE-RBT: 100 MG SEV
SKN-RBT: 500 MG MILD

TOXICITY DATA:
ORL-RAT LD50: 5045 MG/KG
IHL-RAT LC50: 16000 PPM/8H
SKN-RBT LD50: 12800 MG/KG

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

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL
RULES & REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

	US DOT	IATA	IMO	RID/ADR	CANADIAN TDG
SHIPPING NAME	NOT REGULATED*	NOT REGULATED*	NO INFORMATION AVAILABLE	NO INFORMATION AVAILABLE	NO INFORMATION AVAILABLE
HAZARD CLASS	NA	NA			
UN NUMBER	NA	NA			
PACKAGE GROUP	NA	NA			

*PRODUCT #8576 IS NOT REGULATED PER DOT AND IATA. SEE DOT PART 173, SUBPART D, 173.150(E): EXCEPTION.

SECTION 15: REGULATORY INFORMATION

TSCA:
ALL COMPONENTS FOR THIS PRODUCT ARE LISTED ON, OR ARE EXEMPT FROM LISTING REQUIREMENTS.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): NA

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

SECTION 302 (EXTREMELY HAZARDOUS SUBSTANCES): NA

SECTION 312 HAZARD CLASS: NA

SECTION 313 (TOXIC CHEMICALS): NA

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 WHICH EXIST. NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE IS MADE. IN NO EVENT SHALL BAUSCH & LOMB INCORPORATED NOR ANY OF ITS SUBSIDIARIES BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.