

Common Name: EYEWASH

Manufacturer: NIAGARA PHARMACEUTICALS CANADA

SDS Revision Date: 7/3/2015

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Manufacturer Model Number(s):

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SAFETY DATA SHEET

ISSUING DATE: 05-JUNE-2015

REVISION DATE: 03-JULY-2015

REVISION NUMBER: 3

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

AND OF THE COMPANY/UNDERTAKING

PRODUCT IDENTIFIER:

PRODUCT NAME: EYEWASH

OTHER MEANS OF IDENTIFICATION:

SYNONYMS: NONE

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

RECOMMENDED USE: MEDICINAL PRODUCTS

USES ADVISED AGAINST: NO INFORMATION AVAILABLE

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

SUPPLIER NAME: NIAGARA PHARMACEUTICALS INC.

SUPPLIER ADDRESS:

60 INNOVATION DRIVE

FLAMBOROUGH

ON

L9H7P3

CA

SUPPLIER PHONE NUMBER:

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EMERGENCY TELEPHONE NUMBER:

COMPANY EMERGENCY PHONE NUMBER: 905-708-7962

2. HAZARDS IDENTIFICATION



CLASSIFICATION:

THE EYEWASH IS AN APPROVED DRUG BY THE FDA USED FOR CLEANSING THE EYE TO HELP IRRITATION OR BURNING BY REMOVING LOOSE FOREIGN MATERIAL. THIS DRUG PRODUCT IS CONSIDERED EXEMPT FROM SDS BY 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200 (B) (6) (VII)).

GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:

PRECAUTIONARY STATEMENTS - PREVENTION: FOR SINGLE USE

PRECAUTIONARY STATEMENTS - RESPONSE: IF CONCERNED GET MEDICAL ATTENTION

PRECAUTIONARY STATEMENTS - STORAGE: NONE

PRECAUTIONARY STATEMENTS - DISPOSAL:

DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL REGULATIONS

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): NOT APPLICABLE

UNKNOWN TOXICITY:

0% OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY

OTHER INFORMATION: NO INFORMATION AVAILABLE

INTERACTIONS WITH OTHER CHEMICALS: NO INFORMATION AVAILABLE.

3. COMPOSITION/INFORMATION ON INGREDIENTS



CHEMICAL NAME	CAS NO	WEIGHT-%	TRADE SECRET
BORIC ACID (H3BO3)	10043-35-3	1 - 5	*
SODIUM BORATE	1330-43-4	0.1 - 1	*

*THE EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET

4. FIRST AID MEASURES



FIRST AID MEASURES:

EYE CONTACT:

THE PRODUCT IS FOR CLEANSING THE EYE TO HELP RELIEVE IRRITATION OR BURNING BY REMOVING LOOSE FOREIGN MATERIAL.

SKIN CONTACT: NONE

INHALATION: NONE

INGESTION:

RINSE MOUTH IMMEDIATELY AND DRINK PLENTY OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

MOST IMPORTANT SYMPTOMS AND EFFECTS: NO INFORMATION AVAILABLE.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

NOTES TO PHYSICIAN: TREAT SYMPTOMATICALLY.

5. FIRE-FIGHTING MEASURES



SUITABLE EXTINGUISHING MEDIA: NONE

UNSUITABLE EXTINGUISHING MEDIA: NO INFORMATION AVAILABLE

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: NONE

HAZARDOUS COMBUSTION PRODUCTS: NONE

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: NO.

SENSITIVITY TO STATIC DISCHARGE: NO.

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:

AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

6. ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PRECAUTIONS: NONE

ENVIRONMENTAL PRECAUTIONS:

ENVIRONMENTAL PRECAUTIONS:

REFER TO PROTECTIVE MEASURES LISTED IN SECTIONS 7 AND 8.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

METHODS FOR CONTAINMENT: PREVENT FURTHER LEAKAGE OR SPILLAGE.

METHODS FOR CLEANING UP: SOAK UP WITH ABSORBENT MATERIAL.

7. HANDLING AND STORAGE



PRECAUTIONS FOR SAFE HANDLING:

HANDLING:

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE:

STORE AS SEALED BOTTLE. DO NOT USE IF SEAL IS MISSING OR BROKEN. FOR SINGLE USE ONLY.

INCOMPATIBLE PRODUCTS: NONE KNOWN BASED ON INFORMATION SUPPLIED.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



CONTROL PARAMETERS:

EXPOSURE GUIDELINES:

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
BORIC ACID (H3BO3) 10043-35-3	TWA: 2 MG/M3 INHALABLE FRACTION STEL: 6 MG/M3 INHALABLE FRACTION		
SODIUM BORATE 1330-43-4	STEL: 6 MG/M3 INHALABLE FRACTION TWA: 2 MG/M3 INHALABLE FRACTION	(VACATED)	TWA: 10 MG/M3 TWA: 1 MG/M3

ACGIH TLV:

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS - THRESHOLD LIMIT VALUE

OSHA PEL:

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION - PERMISSIBLE EXPOSURE LIMITS IMMEDIATELY DANGEROUS TO LIFE OR HEALTH

OTHER EXPOSURE GUIDELINES:

VACATED LIMITS REVOKED BY THE COURT OF APPEALS DECISION IN AFL-CIO V. OSHA, 965 F.2D 962 (11TH CIR., 1992)

APPROPRIATE ENGINEERING CONTROLS:

ENGINEERING MEASURES:

SHOWERS

EYEWASH STATIONS

VENTILATION SYSTEMS

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED.

SKIN AND BODY PROTECTION: NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED.

RESPIRATORY PROTECTION:

NO PROTECTIVE EQUIPMENT IS NEEDED UNDER NORMAL USE CONDITIONS.

HYGIENE MEASURES:

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: LIQUID

APPEARANCE: CLEAR, COLORLESS. NO VISUAL IMPURITIES

COLOR: NO INFORMATION AVAILABLE

ODOR: ODORLESS

ODOR THRESHOLD: NO INFORMATION AVAILABLE

PROPERTY	VALUES	REMARKS - METHOD
PH	7.4	NONE KNOWN
MELTING / FREEZING POINT	NO DATA AVAILABLE	NONE KNOWN
BOILING POINT / BOILING RANGE	NO DATA AVAILABLE	NONE KNOWN
FLASH POINT	NO DATA AVAILABLE	NONE KNOWN
EVAPORATION RATE	NO DATA AVAILABLE	NONE KNOWN
FLAMMABILITY (SOLID, GAS)	NO DATA AVAILABLE	NONE KNOWN
FLAMMABILITY LIMIT IN AIR:		
UPPER FLAMMABILITY LIMIT	NO DATA AVAILABLE	
LOWER FLAMMABILITY LIMIT	NO DATA AVAILABLE	
VAPOR PRESSURE	NO DATA AVAILABLE	NONE KNOWN
VAPOR DENSITY	NO DATA AVAILABLE	NONE KNOWN
SPECIFIC GRAVITY	1	NONE KNOWN
WATER SOLUBILITY	COMPLETELY SOLUBLE	NONE KNOWN
SOLUBILITY IN OTHER SOLVENTS	NO DATA AVAILABLE	NONE KNOWN
PARTITION COEFFICIENT N-OCTANOL/WATER	NO DATA AVAILABLE	NONE KNOWN
AUTOIGNITION TEMPERATURE	NO DATA AVAILABLE	NONE KNOWN
DECOMPOSITION TEMPERATURE	NO DATA AVAILABLE	NONE KNOWN

KINEMATIC VISCOSITY	NO DATA AVAILABLE	NONE KNOWN
DYNAMIC VISCOSITY	NO DATA AVAILABLE	NONE KNOWN
EXPLOSIVE PROPERTIES	NO DATA AVAILABLE	
OXIDIZING PROPERTIES	NO DATA AVAILABLE	
OTHER INFORMATION:		
SOFTENING POINT	NO DATA AVAILABLE	
VOC CONTENT (%)	NO DATA AVAILABLE	
PARTICLE SIZE	NO DATA AVAILABLE	
PARTICLE SIZE DISTRIBUTION		

10. STABILITY AND REACTIVITY



REACTIVITY: NO DATA AVAILABLE.

CHEMICAL STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: NONE UNDER NORMAL PROCESSING.

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

CONDITIONS TO AVOID: NONE KNOWN BASED ON INFORMATION SUPPLIED.

INCOMPATIBLE MATERIALS: NONE KNOWN BASED ON INFORMATION SUPPLIED.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN

11. TOXICOLOGICAL INFORMATION



INFORMATION ON LIKELY ROUTES OF EXPOSURE:

PRODUCT INFORMATION:

INHALATION:
SPECIFIC TEST DATA FOR THE SUBSTANCE OR MIXTURE IS NOT AVAILABLE.

EYE CONTACT:
SPECIFIC TEST DATA FOR THE SUBSTANCE OR MIXTURE IS NOT AVAILABLE.

SKIN CONTACT:
SPECIFIC TEST DATA FOR THE SUBSTANCE OR MIXTURE IS NOT AVAILABLE.

INGESTION:
SPECIFIC TEST DATA FOR THE SUBSTANCE OR MIXTURE IS NOT AVAILABLE.

COMPONENT INFORMATION:

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
BORIC ACID (H3BO3) 10043-35-3	= 2660 MG/KG (RAT)	>2000 MG/KG (RABBIT)	>2.03 MG/L (RAT) 4 H
SODIUM BORATE 1330-43-4	= 2403 MG/KG (RAT)	>2000 MG/KG (RABBIT)	

INFORMATION ON TOXICOLOGICAL EFFECTS:

SYMPTOMS: NO INFORMATION AVAILABLE.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:

SENSITIZATION: NO INFORMATION AVAILABLE.

MUTAGENIC EFFECTS: NO INFORMATION AVAILABLE.

CARCINOGENICITY:

THE TABLE BELOW INDICATES WHETHER EACH AGENCY HAS LISTED ANY INGREDIENT AS A CARCINOGEN.

REPRODUCTIVE TOXICITY: NO INFORMATION AVAILABLE.

STOT - SINGLE EXPOSURE: NO INFORMATION AVAILABLE.

STOT - REPEATED EXPOSURE: NO INFORMATION AVAILABLE.

CHRONIC TOXICITY: NO KNOWN EFFECT BASED ON INFORMATION SUPPLIED.

TARGET ORGAN EFFECTS: NO INFORMATION AVAILABLE.

ASPIRATION HAZARD: NO INFORMATION AVAILABLE.

NUMERICAL MEASURES OF TOXICITY PRODUCT INFORMATION:

THE FOLLOWING VALUES ARE CALCULATED BASED ON CHAPTER 3.1 OF THE GHS DOCUMENT: NOT APPLICABLE

12. ECOLOGICAL INFORMATION

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ECOTOXICITY:

THE ENVIRONMENTAL IMPACT OF THIS PRODUCT HAS NOT BEEN FULLY INVESTIGATED.

CHEMICAL NAME	TOXICITY TO ALGAE	TOXICITY TO FISH	TOXICITY TO MICROORGANISMS	DAPHNIA MAGNA (WATER FLEA)
BORIC ACID (H3BO3) 10043-35-3		72H LC50: = 1020 MG/L (CARASSIUS AURATUS)		48H EC50: 115 - 153 MG/L
SODIUM BORATE 1330-43-4	96H EC50: = 158 MG/L (DESMODESMUS SUBSPICATUS)	96H LC50: = 340 MG/L (LIMANDA LIMANDA)		48H LC50: 1085 - 1402 MG/L
	96H EC50: 2.6 - 21.8 MG/L (PSEUDOKIRCHNERIELLA SUBCAPITATA)			

PERSISTENCE AND DEGRADABILITY: NO INFORMATION AVAILABLE.

BIOACCUMULATION:

CHEMICAL NAME	LOG POW
BORIC ACID (H3BO3) 10043-35-3	-0.757

OTHER ADVERSE EFFECTS: NO INFORMATION AVAILABLE.

13. DISPOSAL CONSIDERATIONS



WASTE TREATMENT METHODS:

DISPOSAL METHODS:

THIS MATERIAL, AS SUPPLIED, IS NOT A HAZARDOUS WASTE ACCORDING TO FEDERAL REGULATIONS (40 CFR 261). THIS MATERIAL COULD BECOME A HAZARDOUS WASTE IF IT IS MIXED WITH OR OTHERWISE COMES IN CONTACT WITH A HAZARDOUS WASTE, IF CHEMICAL ADDITIONS ARE MADE TO THIS MATERIAL, OR IF THE MATERIAL IS PROCESSED OR OTHERWISE ALTERED. CONSULT 40 CFR 261 TO DETERMINE WHETHER THE ALTERED MATERIAL IS A HAZARDOUS WASTE. CONSULT THE APPROPRIATE STATE, REGIONAL, OR LOCAL REGULATIONS FOR ADDITIONAL REQUIREMENTS.

CONTAMINATED PACKAGING:

DISPOSE OF CONTENTS/CONTAINERS IN ACCORDANCE WITH LOCAL REGULATIONS.

CALIFORNIA HAZARDOUS WASTE CODES: 561

THIS PRODUCT CONTAINS ONE OR MORE SUBSTANCES THAT ARE LISTED WITH THE STATE OF CALIFORNIA AS A HAZARDOUS WASTE.

CHEMICAL NAME CALIFORNIA HAZARDOUS WASTE

BORIC ACID (H3BO3) TOXIC
10043-35-3

14. TRANSPORT INFORMATION



DOT: NOT REGULATED
PROPER SHIPPING NAME: NON REGULATED
HAZARD CLASS: N/A

TDG: NOT REGULATED

MEX: NOT REGULATED

ICAO: NOT REGULATED

IATA: NOT REGULATED
PROPER SHIPPING NAME: NON REGULATED
HAZARD CLASS: N/A

IMDG/IMO: NOT REGULATED
HAZARD CLASS: N/A

RID: NOT REGULATED

ADR: NOT REGULATED

ADN: NOT REGULATED

15. REGULATORY INFORMATION



INTERNATIONAL INVENTORIES:

TSCA: COMPLIES

DSL: ALL COMPONENTS ARE LISTED EITHER ON THE DSL OR NDSL.

TSCA: UNITED STATES TOXIC SUBSTANCES CONTROL ACT SECTION 8(B) INVENTORY

DSL/NDSL: CANADIAN DOMESTIC SUBSTANCES LIST/NON-DOMESTIC SUBSTANCES LIST

US FEDERAL REGULATIONS:

SARA 313:

SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA). THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF THE ACT AND TITLE 40 OF THE CODE OF FEDERAL REGULATIONS, PART 372

SARA 311/312 HAZARD CATEGORIES:

ACUTE HEALTH HAZARD: NO
CHRONIC HEALTH HAZARD: NO
FIRE HAZARD: NO
REACTIVE HAZARD: NO
SUDDEN RELEASE OF PRESSURE HAZARD: NO

CWA (CLEAN WATER ACT):

THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES REGULATED AS POLLUTANTS PURSUANT TO THE CLEAN WATER ACT (40 CFR 122.21 AND 40 CFR 122.42)

CERCLA:

THIS MATERIAL, AS SUPPLIED, DOES NOT CONTAIN ANY SUBSTANCES REGULATED AS HAZARDOUS SUBSTANCES UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) (40 CFR 302) OR THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) (40 CFR 355). THERE MAY BE SPECIFIC REPORTING REQUIREMENTS AT THE LOCAL, REGIONAL, OR STATE LEVEL PERTAINING TO RELEASES OF THIS MATERIAL

US STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:

THIS PRODUCT DOES NOT CONTAIN ANY PROPOSITION 65 CHEMICALS.

U.S. STATE RIGHT-TO-KNOW REGULATIONS:

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA	RHODE ISLAND	ILLINOIS
SODIUM BORATE 1330-43-4		X	X		

INTERNATIONAL REGULATIONS:

COMPONENT	CARCINOGEN STATUS	EXPOSURE LIMITS
SODIUM BORATE 1330-43-4 (0.1 - 1)		MEXICO: TWA 1 MG/M3

CANADA:

WHMIS HAZARD CLASS: NOT DETERMINED

16. OTHER INFORMATION



NFPA:

HEALTH HAZARDS	0
FLAMMABILITY	0
INSTABILITY	0
PHYSICAL AND CHEMICAL HAZARDS	

HMIS:

HEALTH HAZARDS	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

PREPARED BY:
PRODUCT STEWARDSHIP
23 BRITISH AMERICAN BLVD.
LATHAM, NY 12110
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REVISION DATE: 29-JUN-2015

REVISION NOTE: NO INFORMATION AVAILABLE

DISCLAIMER:

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