

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

MSDS DATE: 03/20/09

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 739 & 739-1 - Eye Saline Concentrate
SYNONYMS:
PRODUCT CODES:

MANUFACTURED FOR: Alliance in Mfg. LLC
ADDRESS: 3736 Windsor Place, St. Louis, MO 63113

EMERGENCY PHONE: 800-537-2107
CHEMTREC PHONE:

CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% OPTIONAL</u>	<u>PEL/TLV</u>
Sodium Chloride	7647-14-5	(1 - 10%)	n/a - n/a
Deionized Water	n/a	(87 - 97%)	n/a - n/a
*Disodium Phosphate	7558-79-4	(1 - 5 %)	n/a - n/a
Benzalkonium Chloride	n/a	(<1%)	x - x
Disodium EDTA	139-33-3	(<1%)	n/a - n/a
**Phosphoric Acid	7664-38-2	(<1%)	1mg/m3 - 1 mg/m3

n/a: ingredient not usually considered hazardous; no TLV or PEL available

*: has a CERCLA (RQ) of 5,000 lbs.

**: Chemical is regulated under EPCRA 313, CERCLA RQ is 5,000 lbs.

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Inhalation: No Skin: No Ingestion: Possible

POTENTIAL HEALTH EFFECTS

EYES: Reddening of eyes or prunning of tissue. Same salinity as the ocean

SKIN: Reddening of skin or prunning of tissue. Same salinity as the ocean

INGESTION:

INHALATION:

ACUTE/CHRONIC HEALTH HAZARDS: Chronic usage may defat or dewater tissue. Acute effect from overuse - reddening of skin or eyes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None - No pre-existing medical conditions aggravated by exposure

CARCINOGENICITY

OSHA: No

NTP: No

IARC: No

OTHER: No

SECTION 4: FIRST AID MEASURES

EYES: Eyewash liquid concetrate. Flush area or eyes with water for at least 15 minutes

SKIN: Flush with copious amounts of water. Call doctor (FP N)

INGESTION: Call doctor immediately (FP N)

INHALATION: Remove to fresh air. Support breathing (give 0*2/ARTF Resp.) (FP N)

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS: n/a LEL = n/a UEL = n/a

FLASH POINT: 212 degrees F

METHOD USED: TCC

HAZARD CLASSIFICATION: HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

EXTINGUISHING MEDIA: n/a

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SPECIAL FIRE FIGHTING PROCEDURES: n/a
UNUSUAL FIRE AND EXPLOSION HAZARDS: None
HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Do not freeze, avoid excessive heat, keep cool
OTHER PRECAUTIONS: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:
VENTILATION : None
RESPIRATORY PROTECTION: None
EYE PROTECTION: Safety glasses
SKIN PROTECTION: None
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
WORK HYGIENIC PRACTICES: Avoid unnecessary contact

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR: Clear, isotonic, saline liquid (ph=7.0, density = .989 g/ml)
BOILING POINT: @ 14.7 psi = 210.9 degrees F
MELTING POINT:
VAPOR PRESSURE (mmHg): @ 70 degrees F = 28.0
VAPOR DENSITY (AIR = 1): 0.62
SPECIAL GRAVITY (H2O = 1): 1.05
EVAPORATION RATE: n/a
SOLUBILITY IN WATER: Infinite (% solid by weight)
PERCENT VOLATILE: @ 100 degrees F = 20.11
VISCOSITY:

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE UNSTABLE
X

CONDITIONS TO AVOID (STABILITY): Avoid freezing and excessive heat
INCOMPATIBILITY (MATERIAL TO AVOID): Acids, alkalies, active metals
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

SECTION 13: DISPOSAL CONSIDERATIONS/PROCEDURES FOR SPILL OR LEAK CLEANUP

WASTE DISPOSAL METHOD: Sewer
PROCEDURE FOR SPILL OR LEAK CLEANUP: Mop up liquid. Exercise care for slips and falls. For sewer spill - no specific action required. No environmental or ecological impact

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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

SECTION 15: REGULATORY INFORMATION

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

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