



Material Safety Data Sheet

Date: April 17, 1998

Product Name:

Visine Original

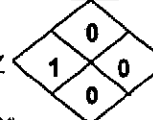
Responsible Party:

Consumer Health Care Group
Pfizer Inc
100 Jefferson Road
Parsippany, NJ 07054

Hazard Rating

4- EXTREME
3- HIGH
2- MODERATE TOXICITY
1- SLIGHT
0- INSIGNIFICANT
- SEE SPECIFIC SECTION

FIRE



SPECIAL

General Use:

Topical Vasoconstrictor
(Ophthalmic)

Emergency Phone Number: (973) 887-2100 (24 Hours)

1. COMPOSITIONAL INFORMATION

CAS No.

%
If Applicable

Tetrahydrozoline Hydrochloride

522-48-5

0.05

Benzalkonium Chloride

8001-54-5

Boric Acid

10043-35-3

Edetate Disodium

139-33-3

Sodium Borate

1303-96-4

Sodium Chloride

7647-1 4-5

Purified Water

7732-1 8-5

* Proprietary Information

2. EMERGENCY OVERVIEW

Emergency and
First Aid Procedures

- Ingestion:** If ingestion is substantial and if the patient is alert, consideration may be given for inducing vomiting upon the advice of a Health Care Professional. Treatment should be supportive and symptomatic. Seek medical attention if any signs of sedation occur, especially with infants and children.
- Skin Contact:** Remove contaminated clothing. Rinse exposed area with mild soap and water. Seek the advice of a Health Care Professional if irritation persists.
- Eye Contact:** Flush eyes thoroughly with large amounts of water. Seek the advice of a Health Care Professional if irritation persists.
- Inhalation:** Remove to well ventilated area. Seek the advice of a Health Care Professional if irritation occurs.

Effects of Overexposure
(Note Route of Entry)

- Ingestion:** May cause drowsiness, disorientation, sedation, headache, nausea, reduction of body temperature, slowed heart rate, slowed respiration and hypotension.
- Skin Contact:** May cause minor irritation.
- Eye Contact:** May cause minor burning, stinging and redness of eye and transient dilation of pupils.
- Inhalation:** This is not an expected route of exposure. May cause minor irritation of the respiratory tract.



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3. FIRE AND EXPLOSION HAZARD DATA

| Flash Point | | Autoignition Temperature | | Flammable Limits in Air (% vol.) | |
|------------------------|----------------|--------------------------|----------------|----------------------------------|----------------|
| Test Method | Temperature | | | Upper | Lower |
| | ^{°F} | ^{°C} | ^{°F} | ^{°C} | |
| (Nonflammable Product) | Not Applicable | Not Applicable | Not Applicable | Not Applicable | Not Applicable |

Extinguishing Media

Foam CO₂ Water Spray
 "Alcohol" Foam Dry Other - Explain:

Special Fire Fighting Procedures

Self-contained breathing apparatus and protective equipment should be worn.

Unusual Fire and Explosion Hazards

Container may produce toxic fumes under decomposition by fire.

4. SPILL, LEAK AND DISPOSAL PROCEDURES

Accidental Release Measures

Notify safety personnel of leaks or spills. Provide adequate ventilation. Cover spills with inert, noncombustible absorbent material and remove to disposal container.

Waste Disposal Method

Waste material should be handled in accordance with Federal, State and Local Environmental Regulations via a licensed waste disposal company.

5. HANDLING AND STORAGE CONDITIONS

Store between 2 and 30°C (36-86°F)

6. REGULATORY INFORMATION

Labeled in accordance with the Federal Food, Drug and Cosmetic Act.



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7. SPECIAL PROTECTION INFORMATION

Ventilation - Engineering Controls

Provide adequate ventilation

Threshold Limit Value(s) (TLV(s)) TLV has not been established for this product

Sodium Borate Decahydrate: 10 mg/cubic meter (OSHA)
5 mg/cubic meter (ACGIH)

Personal Protection

Skin

Wear protective plastic or rubber gloves

Eyes

Wear safety glasses or goggles

Other

Not required

Respiratory Requirements

Not required

8. PHYSICAL DATA

| | | | |
|---|---|--|-----------------------------------|
| Boiling Point, 760 mm Hg: Not Available °C | Freezing Point, 760 mm Hg: Not Available °C | %Volatiles Not Available | Evaporation Rate Not Available |
| Specific Gravity (H ₂ O=1) 25°/25°C 1.005-1.008 | Solubility in water, % by Wt. at 20°C: Soluble | | |
| pH 6.30 - 6.50 | Vapor Pressure at 20°C Not Available | Vapor Density (Air = 1) Not Available | |

Description

A clear, colorless, isotonic, buffered sterile solution

9. STABILITY AND REACTIVITY DATA

| | |
|--|---|
| Stability | Conditions to Avoid |
| Unstable | None Known |
| Stable | |
| Incompatibility: (Materials to Avoid) | Strong oxidizing and reducing agents |
| Hazardous Decomposition Products: | Carbon and nitrogen oxides, hydrogen, chlorine and ammonium fumes |
| Hazardous Polymerization | Conditions to Avoid |
| May Occur | None Known |
| Will Not Occur | |



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10. SPECIAL PRECAUTIONS

None Known

11. TOXICOLOGY INFORMATION

Ingestion : Rats - single oral dose -LD50 >40 g/kg (CPT Study #84495-1, 2/01/85)
 Eye Contact Rabbits - 20 Day Eye Irritation Study - no ocular irritation observed. (CPT Study #7824, 1 1/30/81);
 Primary Ocular Irritation Study - no ocular irritation observed [CPT Study #84343, 9/26/84; CPT #81416(1-4), 1 1/30/81]
 Human - 28 day in-use study in normal volunteers - no significant ocular irritation; determined to be safe for use (Techni-Med Consultants, "HV" 05/16/83); Single dose - mild or no eye irritation (HillTop #76-600-70, 7/23/76)

12. REVISIONS

1/4/93 Change to new format; New toxicology data
 1/17/98 - Updated Section 1. Composition Information and Section 2. Emergency Overview.

13. REFERENCES

Pfizer Product Files, Consumer Health Care Group, Parsippany, NJ
 Guide to Occupational Exposure Values, ACGIH, 1997
 A.C. Bronstein & P.L. Currance, Emergency Care for Hazardous Materials Exposure, 1988
 MSDSs of Raw Materials
 Handbook of Poisoning, 12th Edition, 1987

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Legal responsibility is assumed only for the fact that all studies reported here and all opinions are those of qualified experts.