

Chemical Safety Data Sheet

Revision Date: 22.04.2007

Print Date: 11.11.2010

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1. Identification of the substance/mixture and of the company/undertaking

Product name: INN-5466

Product code: 2312801

Manufacturer: Carestream Health, Inc., 150 Verona Street, Rochester, New York 14608; Rayco (Shanghai) Medical Products Company Limited; Building 7, No.1510 Chuanqiao Road, Jinqiao Export Processing Zone, Pudong New Area, Shanghai, 201206

For Chemical Emergency Information, call: (800) 820-5800

Synonyms: None.

2. Composition/information on ingredients

Weight %	Components (CAS-No.)
65 - 95	Water (7732-18-5)
5 - 30	Gelatins (9000-70-8)
1 - 9	Triscresyl phosphate (1330-78-5)
1 - 10	1,4-Benzenediol, 2,5-bis(1,1,3,3-tetramethylbutyl)- (903-19-5)
0.1 - 1	Nitric acid (7697-37-2)
0.1 - 1	3,5-Bis(1,1-dimethylethyl)-4-hydroxy-benzenepropanoic acid octadecyl ester (2082-79-3)

3. Hazards identification

Not classified as hazardous according to People's Republic of China National Standard

May cause sensitization by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. First aid measures

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Inhalation: Move to fresh air. Treat symptomatically. Get medical attention.

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

Skin: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if symptoms occur. Wash contaminated clothing before re-use. Destroy or thoroughly clean contaminated shoes.

Ingestion: If swallowed, only induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Notes to physician:

Treatment: Not expected to cause organophosphorus-induced delayed neuropathy following acute exposure. Treat as organophosphate poisoning if symptoms and signs are compatible.

5. Fire-fighting measures

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide..

Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Fire or excessive heat may produce hazardous decomposition products.

Hazardous Combustion Products: Carbon oxides, sulphur oxides, nitrogen oxides (NO_x), oxides of phosphorus

Unusual Fire and Explosion Hazards: None.

6. Accidental release measures

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Clean surface thoroughly to remove residual contamination.

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7. Handling and storage

Personal precautions: Avoid breathing mist or vapour from heated material at concentrations greater than the exposure limits. Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Wash thoroughly after handling.

Prevention of Fire and Explosion: Keep from contact with oxidizing materials.

Storage: Keep refrigerated. Keep container tightly closed. Keep away from incompatible substances (see Incompatibility section.)

8. Exposure controls / personal protection

Occupational exposure controls

Chemical Name	Regulatory List	Value Type	Value
Nitric acid	ACGIH	time weighted average	2 ppm
		Short term exposure limit	4 ppm

Ventilation: Good general ventilation should be used. Ventilation should be sufficient so that applicable occupational exposure limits are not exceeded. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances.

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.

Eye protection: Wear safety glasses with side shields (or goggles).

Skin and body protection: Wear impervious gloves and protective clothing appropriate for the risk of exposure.

Recommended Decontamination Facilities: Safety shower, eye wash, washing facilities as appropriate to condition of use.

9. Physical and chemical properties

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Physical form: solid (gel)

Colour: No data available

Odour: No data available

Specific gravity: < 1

Vapour pressure: No data available

Vapour density: No data available

Volatile fraction by weight: > 65 %

Boiling point/range: > 100 ° C (> 212.0 ° F)

Melting point/range: > 40 ° C (> 104.0 ° F)

Water solubility: dispersible

pH: not applicable

Flash point: > 90.33 ° C (> 194.6 ° F) (estimated)

10. Stability and reactivity

Stability: Stable.

Incompatibility: Strong oxidizing agents.

Hazardous decomposition products: None under normal conditions of use.

Hazardous Polymerization: Hazardous polymerization does not occur.

11. Toxicological information

Effects of Exposure

General advice:

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Contains: Triscresyl phosphate. Exposure to high concentrations has resulted in inhibition of neurotoxic esterase in animal studies. May cause adverse reproductive effects based on animal data. Structurally similar chemicals have caused nervous system and reproductive effects in animal studies.

Contains: 1,4-Benzenediol, 2,5-bis(1,1,3,3-tetramethylbutyl)-. Based on animal data, may cause adverse effects on the following organs/systems: blood, kidney, liver.

Inhalation: May be harmful if inhaled.

Eyes: Causes eye irritation.

Skin: May be irritating. May cause allergic skin reaction.

Ingestion: May be harmful if swallowed.

12. Ecological information

This section has not been completed.

13. Disposal considerations

Discharge, treatment, or disposal may be subject to federal, state, commonwealth, provincial, or local laws.

14. Transport information

Not regulated for all modes of transportation.

15. Regulatory information

Dangerous Chemicals list -2002 published by China National Security to produce Surveillance administrative Bureau: No dangerous chemicals

Carcinogenicity Classification (components present at 0.1% or more):

International Agency for Research on Cancer (IARC): none

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American Conference of Governmental Industrial Hygienists (ACGIH): none

U.S. National Toxicology Program (NTP): none

U.S. Occupational Safety and Health Administration (OSHA): none

16. Other information

Labeling:

Not classified as hazardous according to People's Republic of China National Standard

Risk Phrases:

R43: May cause sensitization by skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment. The information relating to the working solution is for guidance purposes only, and is based on correct mixing and use of the product according to instructions.
