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SECTION: 1. Product and company identification

1.1.Product identifier

Trade name/designation : K.4008, K.4009 Vicks VapoPad Refill Pads

1.2.Relevant identified uses of the substance or mixture and uses advised against

Recommended uses and restrictions : Fragrance

1.3.Details of the supplier of the safety data sheet

Company : Kaz USA, Inc.
250 Turnpike Road
MA 01772 -Southborough , USA
Telephone +508 490 7000
Telefax: +508 460 8056
E-mail: rkasbekar@kaz.com

1.4.Emergency telephone number

Emergency telephone : 800-255-3924 US Callers or
813-979-0626 International Callers
CHEMTEL CONTRACT # MIS0002655

SECTION: 2. Hazards identification

2.1.Classification of the substance or mixture

OSHA Regulatory Status : This material is classified as hazardous under OSHA regulations.
Classification (GHS-US) Skin Irrit. 2
Classification (GHS-US) Eye Dam. 1
Classification (GHS-US) STOT SE 3

2.2.Label elements

Hazard pictograms (GHS-US) :



GHS05 GHS07

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

Causes skin irritation
Causes serious eye damage
May cause respiratory irritation

Precautionary statements (GHS-US) :

Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
If on skin: Wash with plenty of water/soap
If skin irritation occurs: Get medical advice/attention
If inhaled: Remove person to fresh air and keep comfortable for breathing
Call a poison center/doctor/... if you feel unwell
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a poison center/doctor/...
Store in a well-ventilated place. Keep container tightly closed
Store locked up
Dispose of contents/ container to an approved waste disposal plant.

2.3.Other hazards

Other hazards which do not result in : Harmful to aquatic life with long lasting effects.

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classification

SECTION: 3. Composition/information on ingredients

Substance name	CAS No	%
Eucalyptus oil	8000-48-4	30 - 40
(+)-menthol	15356-60-2	10 - 30
Dipropylene glycol	25265-71-8	10 - 20
Cedarleaf Oil	8007-20-3	5 - 10
Thymol	89-83-8	1 - 5
Oils, nutmeg	8008-45-5	1 - 5
Oils, peppermint	8006-90-4	1 - 5

SECTION: 4. First aid measures

4.1. Description of first aid measures

Inhalation	: Remove person to fresh air and keep comfortable for breathing. When in doubt or if symptoms are observed, get medical advice.
Skin contact	: After contact with skin, wash immediately with plenty of water and soap. When in doubt or if symptoms are observed, get medical advice.
Eye contact	: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical advice/attention.
In case of ingestion	: Rinse mouth immediately and drink plenty of water. Get medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	: Irritating to respiratory system.
Skin contact	: Irritating to skin and mucous membranes May cause sensitisation by skin contact.
Eye contact	: May cause eye injury - effects may be delayed. Irritating to eyes. (strongly irritant.).
Symptoms/injuries after ingestion	: May be irritating.

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION: 5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Extinguishing powder Water spray Foam Carbon dioxide
Extinguishing media which must not be used for safety reasons	: Not applicable

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Liquid absorbed by inert carrier material
Specific hazards	: Hazardous decomposition products : Carbon oxides Organic Substances

5.3. Advice for firefighters

Advice for firefighters	: Special protective equipment for firefighters. In case of fire: Wear self-contained breathing apparatus.
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SECTION: 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel : Use personal protective equipment as required.
Reference to other sections: 8
Do not allow contact with soil, surface or ground water.
- For emergency responders : Ensure procedures and training for emergency decontamination and disposal are in place.

6.2. Methods and material for containment and cleaning up

- Spill or leak statements by chemical : Use appropriate personal protection equipment (PPE).
Prevent runoff from entering drains, sewers or waterways.
Eliminate all ignition sources.
Absorb and/or contain spill with inert material, then place in suitable container.

SECTION: 7. Handling and storage

7.1. Precautions for safe handling

- Handling : Provide adequate ventilation.
Avoid inhalation of the product.
Avoid contact with skin, eyes and clothes.
- Advices on general occupational hygiene : Keep good industrial hygiene.
Keep away from food, drink and animal feedingstuffs.
When using do not eat, drink or smoke.
Wash hands before breaks and immediately after using the product.
Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage : Keep away from food, drink and animal feedingstuffs.
Store in a cool dry place.
Store in a well-ventilated place.
Do not store near or with any of the incompatible materials listed in section 10.
- Packaging materials : Keep/Store only in original container.

SECTION: 8. Exposure controls/personal protection

8.1. Exposure guidelines

K.4008, K.4009 Vicks VapoPad Refill Pads		
ACGIH	ACGIH TWA (mg/m ³)	No data available

8.2. Engineering controls

- Engineering control measures : Provide adequate ventilation.
- Environmental exposure controls : Do not allow to enter into surface water or drains.

8.3. Personal protective equipment (PPE)

- Personal protection equipment (PPE) : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
- Respiratory protection : Not required under normal use.
In the case of vapour formation use a respirator with an approved filter.
Respirator with a gas filter
Use NIOSH approved respiratory protection.

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- Hand protection : Not required under normal use. The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves. The exact break through time can be obtained from the protective glove producer and this has to be observed. Protective gloves Impervious gloves
- Eye protection : Not required under normal use. During splash contact: Tightly fitting safety goggles ANSI Z87.1.
- Body protection : Use personal protective equipment as required.

SECTION: 9. Physical and chemical properties

9.1.Information on basic physical and chemical properties

- Appearance : Liquid absorbed by inert carrier material
- Color : Yellow or colourless
- Odor : Eucalyptus oil
- pH : This information is not available.
- Melting point/freezing point : This information is not available.
- Initial boiling point and boiling range : Not applicable
- Flash point : Not applicable
- Flammability (solid, gas) : This information is not available.
- Upper/lower flammability or explosive limits : This information is not available.
- Vapor pressure : Not applicable
- Vapor density : > 1 (Air = 1.0)
- Water solubility : insoluble
- Auto-ignition temperature : This information is not available.
- Viscosity : This information is not available.
- Explosive properties : Not applicable
- Oxidising properties : Not applicable

SECTION: 10. Stability and reactivity

10.1.Reactivity

- Reactivity : No data available

10.2.Chemical stability

- Stability : No data available

10.3.Possibility of hazardous reactions

- Possibility of hazardous reactions : None known.

10.4.Conditions to avoid

- Conditions to avoid : No decomposition if used as directed.

10.5.Incompatible materials

- Incompatible materials : Strong acids, Strong alkalis, Oxidising agents

10.6.Hazardous decomposition products

- Hazardous decomposition products : None known.

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SECTION: 11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

K.4008, K.4009 Vicks VapoPad Refill Pads	
LD50 oral rat	This information is not available.
LD50 dermal rat	This information is not available.
LD50 dermal rabbit	This information is not available.
LC50 inhalation rat (mg/l)	This information is not available.
LC50 inhalation rat (ppm)	This information is not available.
Thymol (89-83-8)	
LD50 oral rat	980 mg/kg
LD50 dermal rat	> 2000 mg/kg
Cedarleaf Oil (8007-20-3)	
Dipropylene glycol (25265-71-8)	
LD50 oral rat	13300 mg/kg
LD50 dermal rabbit	> 20 ml/kg
Eucalyptus oil (8000-48-4)	
Oils, peppermint (8006-90-4)	
LD50 oral rat	2426 mg/kg

Skin corrosion/irritation : Causes skin irritation.
pH: This information is not available.

Serious eye damage/irritation : Causes serious eye damage.
pH: This information is not available.

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : May cause respiratory irritation.

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

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

Thymol (89-83-8)	
LC50 fish 1	5 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
LC50 fish 2	3,2 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

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12.2.Persistence and degradability

Persistence and degradability : No data available

12.3.Bioaccumulative potential

Bioaccumulation : No data available

12.4.Mobility in soil

Mobility : No data available

12.5.Other adverse effects

Other information : No data available

SECTION 13: Disposal considerations

13.1.Waste treatment methods

Product waste: : Dispose according to legislation.

Contaminated packaging : Dispose according to legislation.

SECTION 14: Transport information

14.1. Basic shipping description

DOT

Proper Shipping Name (DOT) : Not applicable

14.2 Additional information

IMDG

IMDG : Not applicable

ICAO/IATA

ICAO/IATA : Not applicable

SECTION: 15. Regulatory information

15.1. US Federal regulations

Thymol (89-83-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Oils, nutmeg (8008-45-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Cedarleaf Oil (8007-20-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Dipropylene glycol (25265-71-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

(+)-menthol (15356-60-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Eucalyptus oil (8000-48-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Oils, peppermint (8006-90-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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15.2. International regulations

15.2.1. CANADA

Thymol (89-83-8)

Listed on the Canadian DSL (Domestic Substances List)

Oils, nutmeg (8008-45-5)

Listed on the Canadian DSL (Domestic Substances List)

Cedarleaf Oil (8007-20-3)

Listed on the Canadian DSL (Domestic Substances List)

Dipropylene glycol (25265-71-8)

Listed on the Canadian DSL (Domestic Substances List)

(+)-menthol (15356-60-2)

Listed on the Canadian DSL (Domestic Substances List)

Eucalyptus oil (8000-48-4)

Listed on the Canadian DSL (Domestic Substances List)

Oils, peppermint (8006-90-4)

Listed on the Canadian DSL (Domestic Substances List)

15.2.2. National regulations

Thymol (89-83-8)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Oils, nutmeg (8008-45-5)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Cedarleaf Oil (8007-20-3)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Dipropylene glycol (25265-71-8)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

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(+)-menthol (15356-60-2)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Eucalyptus oil (8000-48-4)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Oils, peppermint (8006-90-4)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the Korean ECL (Existing Chemicals List)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

15.3. US State regulations

Dipropylene glycol (25265-71-8)

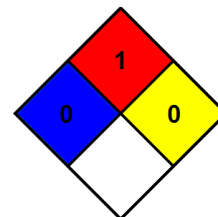
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

SECTION: 16. Other information

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NFPA-code

NFPA health hazard : 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard : 1 - Must be preheated before ignition can occur.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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