

WESTQUAT

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Date prepared: January 2, 2017

MSDS : Westquat SDS GHS

1. IDENTIFICATION**Product Identifier****Product Name** Westquat**Recommended use of the chemical and restrictions on use****Recommended use** Liquid sanitizer**Restrictions on use** For industrial use only**Supplier details**West Penetone Inc.
10900 Secant
Montreal, QC,
H1J 5S1
Tel: 514-355-4660**Emergency Telephone Number**

Canutec (613)-996-6666

2. HAZARDS IDENTIFICATION**Classification**

| | |
|---------------------------|-------------|
| Skin Corrosion/Irritation | Category 2 |
| Eye damage/Irritation | Category 2A |

Label Elements**WARNING****Hazard Statements**

Causes serious eye irritation

Causes skin irritation

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

IF ON SKIN (or hair): Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % |
|---|------------|----------|
| Alkyl (C12-16) dimethyl benzyl -ammonium chloride | 68424-85-1 | 1 |
| Octyldecyl dimethyl ammonium chloride | 68424-95-3 | <1 |
| Dioctyl dimethyl ammonium chloride | 5538-94-3 | <1 |
| Didecyl dimethyl ammonium chloride | 7173-51-5 | <1 |

4. FIRST AID MEASURES

| | |
|---------------------|---|
| Eye contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician |
| Skin contact | Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse |
| Inhalation | Not applicable. |
| Ingestion | Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Centre immediately. Never give anything by mouth to an unconscious person. |

Most important symptoms and effects, both acute and delayed

Causes irritation to eyes, skin and mucous membranes. Symptoms include tingling sensation and / or reddening of tissues.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None

Specific hazards arising from the chemical

The product causes burns of eyes, skin and mucous membranes.

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

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials Strong oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

None of the constituents in this product have a known exposure limit.

Appropriate engineering controls

Engineering Controls Not required.

Individual protection measures, such as personal protective equipment

Eye/face Protection Goggles or safety glasses.

Skin and body protection Wear rubber or plastic gloves.

Respiratory Protection Not required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE :

Clear, colorless liquid

ODOR

Faint detergent

ODOR THRESHOLD :

Not applicable

pH :

6.5-9.0

VAPOR PRESSURE, mm Hg AT 20°C :

Not applicable

VAPOR DENSITY (Air = 1) :

Not applicable

RELATIVE DENSITY AT 20°C:

1.0

SOLUBILITY IN WATER :

Complete

MELTING POINT / FREEZING POINT :

0°C

BOILING POINT/BOILING RANGE :

100 °C

FLASH POINT :

None

EVAPORATION RATE, water = 1 :

1

FLAMMABILITY (SOLID, GAS):

Not applicable

PARTITION COEFFICIENT, N-OCTANOL/WATER :

Not available

AUTO-IGNITION TEMPERATURE :

None

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

<10 cps

FLAMMABLE LIMITS :**UPPER:** Not applicable **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

None.

Conditions to Avoid

Store away from incompatible materials.

Incompatible Materials

Strong oxidizers.

Hazardous decomposition products

None known.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

| Chemical Name | L50 Oral | LD50 Dermal | LC50 Inhalation |
|--|--------------------|------------------------|-----------------|
| Alkyl (C12-16) dimethyl benzyl ammonium chloride 68424-85-1 | 404 mg/kg (Rat) | >2000 mg/kg (Rabbit) | Not applicable |
| Octyldecyl dimethyl ammonium chloride 68424-95-3 | 50-500 mg/kg (Rat) | >2000 mg/kg (Rabbit) | Not applicable |
| Dioctyl dimethyl ammonium chloride 5538-94-3 | 1025 mg/kg (Rat) | >2000 mg/kg (Rabbit) | Not applicable |
| Didecyl dimethyl ammonium chloride 7173-51-5 | 84 mg/kg (Rat) | >2000 mg/kg (Rabbit) | Not applicable |

Information on likely sources of exposure**Serious eye damage/irritation**

Irritating to eyes

Skin corrosion/irritation

Irritating to skin.

Ingestion

Ingestion may cause burns to the digestive and respiratory tract.

Inhalation

Spray mist may cause irritation to respiratory tract.

Delayed and immediate effects and also chronic effects from short and long-term exposure**Respiratory or skin sensitization**

Not a sensitizer.

Germ cell mutagenicity

None known.

Carcinogenicity

No listed carcinogens.

Reproductive toxicity

None known.

STOT - single exposure

None known.

STOT-repeated exposure

None known.

Aspiration Hazard

None.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms include tingling sensation and / or reddening of tissues.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available

Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION**TDG classification**

Not regulated

15. REGULATORY INFORMATION

All ingredients are listed on the DSL

16. OTHER INFORMATION**Preparation Date**

January 2, 2017

Revision Date

not applicable

Revision Note

not applicable

Disclaimer

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End of SDS