

Product name: Dioctadecyl Dimethyl Ammonium Chloride

Revision Date: 12-15-2012

Page 1 / 6

1. IDENTIFICATION OF THE SUBSTANCE

Product name: Dioctadecyl Dimethyl Ammonium Chloride

Application: Color Precipitant, Soften agent,

Supplier: Welink international enterprise limited
TEL:0086-27-59701876 FAX:0086-27-59701879

E-mail:info@chemicalptc.com

2. HAZARDS IDENTIFICATION

The product is classified: CXn; R22 Xi; R38-R41 N; R50

Human health: Harmful if swallowed. Risk of serious damage to eyes. Irritating to skin.

Environment: Very toxic to aquatic organisms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains: quaternary ammonium compounds.

<u>%:</u>	<u>CAS-No.:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>
75%	107-64-2	Dioctadecyl Dimethyl ammonium chloride	Xn; R22 Xi; R38-R41 N; R50

4. FIRST-AID MEASURES

Inhalation: Dust inhalation: Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions.

Skin contact: Remove contaminated clothes and rinse skin thoroughly with water. In case of eczema or other skin disorders: Seek medical attention and bring these instructions.

Eye contact: Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital. Bring these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

Product name: Dioctadecyl Dimethyl Ammonium Chloride

Revision Date: 12-15-2012

Page 2 / 6

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Specific hazards:

During fire, gases hazardous to health may be formed.(Nox, HCl)

Protective equipment for fire-fighters:

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid inhalation of dust and contact with skin and eyes. Use work methods which minimise dust production. For personal protection. See section 8.

Environmental precautions: Do not discharge into drains, water courses or onto the ground.

Methods for cleaning up: Collect spillage with shovel,broom or the like. Flush contaminated area with plenty of water. For water disposal, see section 13.

7. HANDLING AND STORAGE

Safe handling advice: Avoid inhalation of dust and contact with skin and eyes.Change contaminated clothing.Observe good chemical hygiene practices.

Technical measures: Use work method which minimise dust production. Avoid spreading dust.

Technical precautions: Provide easy access to water supply and eye wash facilities.

Technical measures for safe storage: No special precautions.

Storage conditions: Store in closed original container. Do not store near heat sources or expose to excessive temperatures.

Product name: Dioctadecyl Dimethyl Ammonium Chloride

Revision Date: 12-15-2012

Page 3 / 6

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Provide adequate ventilation. The risk of inhalation of dust must be minimised as much as possible. An eye wash bottle must be available at the work site.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment

Respiratory equipment: During dust-raising work: Use respiratory equipment with particle filter, type P2. The use of filtering respirators should be limited to max. 3 hours per day.

Hand protection: Risk of contact: Wear protective gloves. Nitrile gloves are recommended.

Eye protection: Wear goggles/face shield.

Skin protection: Wear apron or protective clothing in case of splashes.

Hygiene measures: Wash hands after contact.

Environmental Not available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White waxy solid

Odour: not available

pH: 5-8 (5 g/l)

Melting point: 30 to 40 °C

Boiling point: Not available

Explosion limits: Must be below 70 °C

Relative density: approx. 0.88

10. STABILITY AND REACTIVITY

**Conditions/
materials to avoid:** Heating. Strong oxidising substances.

**Hazardous
decomposition
products:** If heated to more than 70°C, the following substances may be released.

MATERIAL SAFETY DATA SHEET

Product name: Dioctadecyl Dimethyl Ammonium Chloride

Revision Date: 12-15-2012

Page 4 / 6

11. TOXICOLOGICAL INFORMATION

Inhalation: Dust may irritate throat and respiratory and cause coughing.

Skin contact: Irritating.

Eye contact: Risk of serious damage to eyes. Immediate first aid is necessary.

Ingestion: Harmful if swallowed. Causes stomach pain, vomiting, diarrhoea and convulsions.

Specific effects: None known.

12. ECOLOGICAL INFORMATION

Mobility: The product is organic liquid soluble and may spread in water systems.

Ecotoxicity: Very toxic to aquatic organisms.

Bioaccumulative potential: Bioaccumulation: Is not expected to be bioaccumulable.

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Waste from residues: EWC-code 07 06 07

MATERIAL SAFETY DATA SHEET

Product name: Dioctadecyl Dimethyl Ammonium Chloride

Revision Date: 12-15-2012

Page 5 / 6

14. TRANSPORT INFORMATION

UN-number: 3077

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID N.O.S.
Dioctadecyl Dimethyl Ammonium Chloride

Sea (IMDG):

Class: 9
PG: III
MP: Yes
EmS: F-A , S-F
MFAG: 1

Inland waterways: To be handled locally.

Air (ICAO/IATA):

Class: 9
PG: III

Land (RID/ADR):

Class: 9
Packing group: III
Primary risk label: 9

Subsidiary risk label:



Product name: Dioctadecyl Dimethyl Ammonium Chloride

Revision Date: 12-15-2012

Page 6 / 6

15. REGULATORY INFORMATION

Labelling:

Contains: Dioctadecyl Dimethyl Ammonium chloride



Harmful



Dangerous for the environment

- R22 Harmful if swallowed.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes
- R50 Very toxic to aquatic organisms.

- S22 Do not breathe dust.
- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37/39 Wear suitable protective gloves and eye/face protection.
- S60 This material and its container must be disposed of as hazardous waste.
- S61 Avoid release to the environment. Refer to special instruction/safety data sheets.

16. OTHER INFORMATION

For restriction on use see section 15.

The following sections contains revisions or new statements: 1,2,3,7,12.

Wording of Risk Phrases:

- R22 Harmful if swallowed.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.
- R50 Very toxix to aquatic organisms.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.