

# SAFETY DATA SHEET

## Section 1. Company Identification and Product Information

Product Name or Identity: **Campylobacter Family**  
Reference : **MM0254- , MM0130**  
Manufacturer's Name: **DCM Micromedia Trading House**  
Last modification : 12.06.2014

## Section 2. Composition / Information on Hazardous Ingredients

This product is a mixture of the substances listed below with the addition of nonhazardous materials.

Hazardous Components	CAS-No.	%	Hazard
Specific Chemical Identity: Sodium Chloride (NaCl)	7647- 14-5	12%	Xi (Irritant)

## Section 3. Health Hazard Identification

Health Hazards: Information pertaining to particular dangers for man and environment.  
(Acute and Chronic) R 36 / 37 / 38, Irritating to eyes, respiratory system, and skin.

## Section 4. First Aid Measures

Emergency / General Information: No special measures required.  
First Aid Ingestion: If swallowed, seek medical attention if symptoms occur. Show physician product label  
Procedures: MSDS.

Inhalation: If inhaled, supply fresh air or oxygen. Seek medical attention if breathing becomes labored or difficult.

Eye Contact: Rinse opened eye for at least 15 minutes under running water, lifting lower and upper eyelids occasionally. Seek medical attention.

Skin Contact: Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes. Wash clothing before reuse.

## Section 5. Fire and Explosion Hazard Data

Flash Point (Method Used): N/A Flammable Limits: LEL – N/A, UEL – N/A  
Extinguishing Media: Use CO<sub>2</sub>, ABC multipurpose dry chemical, or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Protective Equipment: No special measures required.  
Unusual Fire and Explosion Hazards: During heating or in case of fire, poisonous gases may be produced.

## Section 6. Accidental Release Measures

Personal Precautions: Wear suitable protective clothing. Remove contaminated clothing. Ensure good ventilation /

Exhaustion at the workplace.

Environmental Precautions: Prevent dispersion of material. Wipe up with damp sponge or mop.

Clean-up Methods: Avoid prolonged or repeated exposure. Absorb material, ventilate area, and wash spill site after material has been cleaned up. Avoid inhalation, contact with eyes and skin. Prevent formation of dust.

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## Section 7. Handling and Storage

Handling: Protect against physical damage. Ensure good ventilation / exhaustion. Prevent formation of dust.

Storage: Requirements to be met by storerooms and receptacles: 2-30°C.

Do not store together with oxidizing agents and acidic materials. Store in cool, dry conditions in well sealed containers.

Other Precautions: No special measures required.

## Section 8. Exposure Controls / Personal Protection

Components with limit values that require monitoring:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional Information: Personal Protection listed below are general requirements for laboratory personnel. Follow the usual precautionary measures for handling chemicals / powder. Avoid contact with eyes, skin, and clothing.

Personal Protective Equipment:

Keep away from food, beverages, and feed.

Wash hands before and after entering laboratory.

Immediately remove all soiled and contaminated clothing.

Avoid contact with eyes and skin

Breathing Equipment: In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA-approved respiratory.

Hand Protection: Use chemical resistant gloves.

Eye Protection: Wear safety glasses and goggles.

Body Protection: Wear lab coat or other protective work clothing.

## Section 9. Physical and Chemical Properties

Appearance and Odor: Homogenous free-flowing powder, light beige.

Boiling Point: Not determined Density: Not determined

Auto Igniting: Product is not self-igniting Solubility in Water: Partially Soluble

Danger of explosion: Product does not present an explosion hazard. pH: (as prepared)  $7.4 \pm 0.2$  @ 25°C

Solvent Content: Organic solvents – 0.0% Solids Content: 100.0%

## Section 10. Stability and Reactivity

Stability: Stable X Conditions to Avoid: No decomposition if used according to specifications.

Incompatibility (Materials to Avoid) : Incompatible with strong oxidizing agents.

Hazardous Decomposition or Byproducts: Chlorine (Cl)

Hazardous Polymerization: No dangerous reactions known.

## Section 11. Toxicological Information

LD/LC50 values that are relevant: N/A

Carcinogenicity Classification:

IARC (International Agency for Research on Cancer) - Not listed

NTP (National Toxicology Program) - Not listed

Irritant: Irritant to eyes, skin, and mucous membranes.

Sensitization: No sensitizing effects known.

Subacute to chronic toxicity: Target organs: Respiratory tract, eyes, kidneys and skin.

Additional toxicological information: Irritant.

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## Section 12. Ecological Information

Ecotoxicity Tests: Not known to be hazardous to water. The ecological effects have not been thoroughly investigated, but currently none have been identified.

## Section 13. Disposal Considerations

Waste Disposal Method: Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations. Smaller quantities can be disposed of with solid waste.

RCRA Hazardous Waste: No

Contact a licensed professional waste disposal service to dispose of this material if questions arise.

Container Information: Do not remove labels from containers until they have been cleaned.

## Section 14. Transport Information

DOT Regulations:

Not Regulated

Land Transport ADR/RID (cross-border):

Not Regulated

Maritime Transport IMDG:

Not Regulated

Marine Pollutant: No

Air Transport ICAO-TI and IATA-DGR:

Not Regulated

## Section 15. Regulatory Information

EU Regulations, Hazard Symbol(s):

Sodium Chloride: Xi (Irritant)

Risk Phrases:

R 36 / 37 / 38, Irritating to eyes, respiratory system, and skin.

Safety Phrases:

S7, Keep container tightly closed.

S 22, Do not breathe dust.

S 24/25/26, Avoid contact with skin and eyes, in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36, Wear suitable protective clothing.