

# **SODIUM CITRATE 3.8% W/V**

**SECTION 1: PRODUCT IDENTIFICATION** 

Product Name: Sodium Citrate 3.8% w/v

Product Code: TR 013 CAS#: Not available CI#: Not available Synonym: Not available

Chemical Name: Sodium Citrate 3.8% w/v

Chemical Formula: Not available

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS** 

Composition:

Name: Sodium Citrate dihydrate and water

**Toxicological Data on Ingredients:** 

All ingredients in this mixture are nonhazardous.

**SECTION 3: HAZARDS IDENTIFICATION** 

**Glassification Excending to Media 12/2009** (Category 2), H225 Serious eye

Potential Acute Health Effects: Not available

Carcinogenic Effects: Not available Mutagenic Effects: Not available Teratogenic Effects: Not available **Developmental Toxicity: Not available** 

# **SECTION 4: FIRST AID MEASURES**

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water

for at least 15 minutes. Warm water must be used. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation

develops.

Serious Skin Contact: Not available Inhalation: After inhalation: fresh air. ' Serious Inhalation: Not available

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms

appear.

Serious Ingestion: Not available

**SECTION 5: FIRE FIGHTING MEASURES** 

**Extinguishing media** Suitable extinguishing media

Foam, Dry powder, carbon dioxide, water spray, sand.

Unsuitable extinguishing media Do not use a heavy water stream.

Special hazards arising from the substance or mixture.













Under fire conditions, hazardous fumes will be present.

# **Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus.

#### **Further information**

Not available

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

# Personal precautions, protective equipment and emergency procedures:

Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

# **Environmental precautions**

Do not let product enter drains.

#### **SECTION 7: HANDLING AND STORAGE**

**Precautions for safe handling** Keep only in the original container in a cool, well-ventilated place. Keep container closed when not in use.

Storage- away from: Strong bases, strong acids, sources of ignition, direct sunlight.

Storage class Not available

# **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

**Personal Protection in Case of a Large Spill:** Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

**Exposure Limits:** Not available.

# **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical state and appearance Form : Clear Liquid. Odour : Not Available Taste : Not Available **Molecular Weight** : Not Available Colour : Colourless pН : Not Available **Boiling Point** : Not Available : Not Available **Melting Point Critical Temperature** : Not Available **Relative Density** : Not Available **Vapor Pressure** : Not Available **Vapor Density** : Not Available Volatility : Not Available : Not Available **Odor Threshold** Water/Oil Dist. Coeff. : Not Available



# **MATERIAL SAFETY DATA SHEET**

Ionicity (in Water): Not AvailableDispersion Properties: Not AvailableSolubility: Not Available

# **SECTION 10: STABILITY AND REACTIVITY DATA**

**Stability:** The product is stable under standard ambient conditions (room temperature).

**Instability Temperature:** Not available **Conditions of Instability:** Not Available

**Incompatibility with various substances:** Strong acids, Strong bases.

Corrosivity: Not Available

**Special Remarks on Reactivity:** Not Available **Special Remarks on Corrosivity:** Not Available

Polymerization: Not Available

**SECTION 11: TOXICOLOGICAL INFORMATION** 

**Toxicity to Animals:** 

Acute toxicity
Not Available

Serious eye damage/eye irritation Not Available

LD<sub>50</sub>: Not Available LC<sub>50</sub>: Not Available

**Chronic Effects on Humans:** Not Available **Other Toxic Effects on Humans:** Not Available

**Special Remarks on Toxicity to Animals:** Eye irritation.

**Special Remarks on Chronic Effects on Humans:** Not Available **Special Remarks on other Toxic Effects on Humans:** Not Available

**SECTION 12: ECOLOGICAL INFORMATION** 

**Eco toxicity:** Not available **BOD and COD:** Not available

Products of Biodegradation: Not Available

Toxicity of the Products of Biodegradation: Not available

Special Remarks on the Products of Biodegradation: Not available

**SECTION 13: DISPOSAL CONSIDERATIONS** 

**Waste Disposal:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**SECTION 14: TRANSPORT INFORMATION** 

UN number

ADR/RID: IMDG: IATA:

**UN** proper shipping name

ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods





# **MATERIAL SAFETY DATA SHEET**

Transport hazard class(es)

ADR/RID: IMDG: IATA:

Packaging group

ADR/RID: IMDG: IATA:

**Environmental hazards** 

ADR/RID: no IMDG Marine pollutant: no IATA: no

Special precautions for user

No data available

**SECTION 15: OTHER REGULATORY INFORMATION** 

Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment

For this product a chemical safety assessment was not carried out

**SECTION 16: OTHER INFORMATION** 

Full text of H-Statements referred to under sections 2 and 3.

Not available.

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