



Safety Data Sheet (Capric Acid)

DATE PREPARED: 11/22/2013
REVISION NUMBER: 11/22/2013

Section 1 – Company Information

Parchem - fine & specialty chemicals

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EMERGENCY RESPONSE NUMBER:

CHEMTEL - Parchem CCN# M1S0007152

Toll Free US & Canada: (800)255-3924

All other Origins: (813) 248-0585

Collect Calls Accepted

Section 2 – Product Identification/ Information on Ingredients

PRODUCT NAME Capric Acid

SYNONYM Decanoic Acid

Section 3 – Hazards Identification

Eye Irritation: Category 2B

Signal Word: Warning

Hazard Statement: Causes eye irritation

Precautionary Statements

Wash eye thoroughly after handling

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.

Section 4 – First Aid Measures

When Inhaled: Sore throat, cough. Remove to fresh air. If suffocation is serious, take to a doctor.

When in Contact With Skin: Irritating. Remove contaminated clothing, flush skin with water or shower. Take to a doctor if necessary.

When in Contact With Eyes: Irritating. Flush with water. Take to a doctor if necessary.

When Ingested: Sore throat, abdominal pain. Rinse mouth, drink plenty of water, see physician.

Section 5 – Fire Fighting Measures

Suitable Fire-Fighting Agents: Used dry powder, foam, carbon dioxide.

Extinguishing Media which Must Not Be Used for Safety Reasons: Water jet

Specific Hazards in the Event of Fire: Combustible, keep away from open flame, no smoking.

Protection of Fire-Fighters (Use of Protective Equipment, etc.): Use self-contained breathing equipment if in confined place.



Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Use gloves, face shield.

Environmental Precautions: Do not allow to flow into drainage system.

Methods and Materials for Containment and Cleaning Up: Collect leakage in sealable containers, soak up with sand or other inert absorbent and remove to safe place. Wash site with sodium bicarbonate solution or soda ash. Wipe clean. Can also allow spillage to solidify, and then shovel into containers. Clean up area immediately.

Section 7 – Handling & Storage

Precautions for Safe Handling: Use gloves and wear goggles when handling.

Conditions for Safe Storage, Including any Incompatibilities: Keep in a cool and dry place, avoid extreme heat and cold. Avoid direct fire. Keep separate from oxidants. Store in clean, dry preferably stainless steel vessels. In bulk, store at about 10°C above melting point or ambient. Temperature higher than necessary degrades quality at rate dependent on time and temperature of exposure. Exposure to ultraviolet light and sunlight must be minimized to prevent quality loss.

Section 8 – Exposure Controls & Personal Protection

Control Parameters: None

Appropriate Engineering Controls: No special measures required.

Individual Protection Measures, such as Personal Protective Equipment (PPE)

Immediately remove soiled or soaked clothing.

Hand Protection: Suitable protective gloves.

Eye Protection: Protective goggles.

Body Protection: Suitable protective clothing.

Section 9 – Physical & Chemical Properties

Appearance: White/pale yellow solid

Odor: Faint coconut odor

Odor Threshold: Not available

pH: Not available

Melting Point/Freezing Point: 29 - 32°C

Initial Boiling Point and Boiling Range: 268 - 270°C

Flash Point: 147°C (Pensky-Martens closed cup)

Evaporation Rate: Not applicable

Flammability: Not flammable

Upper/Lower Flammability or Explosive Limits: Not explosive

Vapor Pressure: 0.13 hPa (79°C)

Vapor Density: Not available



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Relative Density: 0.89 g/cm³ (20°C)
Solubility: Insoluble in water
Partition Coefficient: n-Octanol/Water: 4.09 (toxnet)
Auto-Ignition Temperature: Not Available
Decomposition Temperature: Not Available
Viscosity: Not Available
Density (at 75°C): 0.85 g/mL (80°C)
Relative Molecular Mass: 172.27

Section 10 – Stability & Reactivity Data

Reactivity: None known
Chemical Stability: None known
Possibility of Hazardous Reactions: None known
Conditions to Avoid: None known
Incompatible Materials: None known
Hazardous Decomposition Products: None known

Section 11 – Toxicological Information

Acute Toxicity: Oral (rat): LD50 > 1000 mg/kg body weight
Skin Corrosion/Irritation: Primary skin irritation (rabbit): Mild irritation
Serious Eye Damage/Irritation: Not available
Respiratory or Skin Sensitization: Non-sensitizing
Germ Cell Mutagenicity: Not mutagenic (Ames test)
Carcinogenicity: Not available
Reproductive Toxicity: Not available
Aspiration Hazard: Not available

Section 12 – Ecological Information

Aquatic Toxicity: Not available
Persistence and Degradability: Biodegradation: > 60%/28d (closed bottle test)
Bioaccumulative Potential: Log Pow = 4.09 (toxnet)
Mobility in Soil: Not available
Other Adverse Effect: Not available

Section 13 – Disposal Consideration

Dispose of product and contaminated packaging in accordance with all local, state and federal environmental control regulations.



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Section 14 – Transportation Data

UN Number: None

UN Proper Shipping Name: None

Transport Hazard Class: Not hazardous according to RID/ADR, GGVS/GGVE ADNR, IMDG, ICAO-TI/IATA-DGR.

Packing Group: None

Environmental Hazard

Marine Pollutant: No

MARPOL Annex: N/A

Section 15 – Regulatory Information

Classification and Labeling According to GHS

(No symbol)

Irritant

Eye Irritation: Not available

Classification and Labeling According to EC

Symbol, Xi

Risk-phrases: R36/38 Irritating to eyes and skin

Section 16 – Other Information

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.