

MATERIAL SAFETY DATA SHEET

I Product Identification

Product Name : All Purpose Liquid Detergent
Reference No : Norchem AP 410

II Composition/Information on Ingredients

| Ingredient | CAS No. | Percent |
|--|------------|---------|
| Biodegradability of anionic surface active agents : % (M/M) Minimum | 85117-47-3 | 90% |
| pH at 25° (For 1% Aqueous Solution, M/M) | | 7 – 8% |
| Insoluble matter % (M/M) Maximum | | 0.01% |

III Hazards Identification

Acute Effects : N/A
Swallowing : Irritant
Inhalation : N/A
Skin Contact : N/A
Eye Contact : May cause irritation
Chronic Effects : None
Other Hazards : None

IV First Aid Measures

Inhalation : N/A in normal operation.
Ingestion : Drink 1-2 cups of water. Do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.
Skin Contact : Flush with fresh water, wash with soap and water. Remove contaminated clothes and shoes.
Eye Contact : Rinse thoroughly with fresh water. Get medical attention.

V Fire Fighting Measures

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|--|---|
| Flash Point | 204.44°C (400°F) |
| Unusual Fire or Explosion Hazards | None known |
| Extinguishing Media | CO ₂ , Foam, Dry Chemical, Water |
| Fire Fighting Instructions | None |

VI Accidental Release Measures

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|------------------------------|---|
| Steps if Spilled | Wash to sanitary sewer or dry up with absorbent. |
| Waste disposal method | Above in accordance with local state and federal regulations. |

VII Handling and Storage

Store in dry cool area.

VIII Exposure Controls/Personal Protection

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|---|--|
| Eye/Face Protection | Splash goggles or side shield safety glasses |
| Protective Gloves | None |
| Respiratory Protection | None |
| Other Protective Clothing/ Equipment | None |

IX Physical and Chemical Properties

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|-------------------------|------------------|
| Appearance | Yellowish liquid |
| Boiling Point | 100°C |
| Flash Point | None |
| Specific Gravity | 1.03 |
| pH | 7.5 – 8.0 |
| Stability | 1 year |

X Stability and Reactivity

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|---|--|
| Stability | Stable |
| Hazardous Decomposition Products | CO, SO ₂ with incomplete combustion |
| Hazardous Polymerization | None |
| Incompatibilities | Concentrated mineral acids, oxidizing agents |

XI Toxicological Information

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|--|-------------------|
| Overexposure (Acute/ Chronic) | May irritate eyes |
| Medical conditions generally aggravated by exposure | Sensitive skin |

XII Ecological Information

No data available

XIII Disposal Considerations

pH adjustment; No phosphates. Use until less than one inch remains in container, empty container. Triple rinse with water, add to operation. Remove or deface label selling container or disposal.

XIV Transport Information

D.O.T. Not regulated

XV Regulatory Information

Not known

XVI Other Information

No data available

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