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9 & 11 Evans Street  
Alrode South  
Alberton  
South Africa

## SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|                               |                                  |                 |  |
|-------------------------------|----------------------------------|-----------------|--|
| Product Name:                 | PINE GEL                         |                 |  |
| Product Use:                  | CONCENTRATED GEL DETERGENT       |                 |  |
| Supplier's Name:              | Arrow Chem Chemical Manufacturer | Street Address: | 9-11 Evans Street  |
| Suburb:                       | Alrode South                     | City:           | Alberton   |
| Tel number:<br>+2711 900 3633 | Emergency no: 0633739195         | Email Address:  | <a href="mailto:sales@thearrow.co.za">sales@thearrow.co.za</a> |

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous ingredients | % Range | CAS Number | Toxicity information |
|-----------------------|---------|------------|----------------------|
| None                  |         |            |                      |

### SECTION 3: HAZARDOUS IDENTIFICATION

|                      |                               |
|----------------------|-------------------------------|
| Main Hazard:         | Slight irritation to eyes     |
| Flammability:        | Non flammable                 |
| Chemical Hazard:     | Non known                     |
| Biological Hazard:   | No data available             |
| Reproduction Hazard: | No data available             |
| Inhalation:          | Non-irritation                |
| Skin:                | Defatting after prolonged use |
| Eyes:                | Slight irritation             |
| Ingestion:           | Non-irritant                  |
| Carcinogenicity:     | No data available             |
| Mutagenicity:        | No data available             |
| Neurotoxicity:       | No data available             |



**SECTION 4: FIRST AID MEASURES**

|                   |   |
|-------------------|---|
| Product Inhaled:  | Inhalation of the liquid required medical attention |
| Product on Skin:  | Rinse with water                                    |
| Product in Eyes:  | Rinse with water                                    |
| Product Ingested: | Induce vomiting. Seek medical attention             |

**SECTION 5: FIRE FIGHTING IDENTIFIERS**

|                                   |   |    |   |     |
|-----------------------------------|---|----|---|-----|
| FLAMMABLE:                        | YES                                     | NO | If yes under which conditions:                    | N/A |
|                                   |   | √  |   |     |
| Method of extinction:             | Use any type                            |    |   |     |
| Flashpoint (°C) and Method:       | Upper Flammable Limit (% by Volume):    |    | Lower Flammable Limit (% by Volume):              |     |
| N/A                               | N/A                                     |    | N/A   |     |
| Autoignition Temperature (°C):    | Explosion Data – Sensitivity to Impact: |    | Explosion Data – Sensitivity to Static Discharge: |     |
| N/A                               | N/A                                     |    | N/A   |     |
| Hazardous Decomposition Products: | None Known                              |    |   |     |

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

|                       |                                       |
|-----------------------|---------------------------------------|
| Personal Precautions: | Wear full protective clothing.        |
| Precautions:          | Do not release into natural waterways |
| Small Spills:         | Flush away with water                 |
| Large Spills:         | Contain with inert material           |

**SECTION 7: HANDLING AND STORAGE**

|                               |                           |
|-------------------------------|---------------------------|
| Suitable Material:            | Plastic drum              |
| Handling/Storage Precautions: | Store in a cool dry place |



**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**

|   |            |            |          |          |          |       |  |  |  |  |  |  |  |
|---|------------|------------|----------|----------|----------|-------|--|--|--|--|--|--|--|
| Exposure Limits:  | None known |            |          |          |          |       |  |  |  |  |  |  |  |
| Engineering Controls:   | N/A        |            |          |          |          |       |  |  |  |  |  |  |  |
| Personal Protective Equipment:  |            |            |          |          |          |       |  |  |  |  |  |  |  |
| <table border="1"> <tr> <td>Gloves</td> <td>Respirator</td> <td>Eye</td> <td>Footwear</td> <td>Clothing</td> <td>Other</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | Gloves     | Respirator | Eye      | Footwear | Clothing | Other |  |  |  |  |  |  |  |
| Gloves  | Respirator | Eye        | Footwear | Clothing | Other    |       |  |  |  |  |  |  |  |
|   |            |            |          |          |          |       |  |  |  |  |  |  |  |
| If Checked, please specify type: avoid splashing  |            |            |          |          |          |       |  |  |  |  |  |  |  |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                     |                          |                       |
|---------------------|--------------------------|-----------------------|
| Appearance:         | Odour:                   | Ph:                   |
| Clear Green gel     | Strong Pine              | About 7.5             |
| Flush Point:        | Melting Point:           | Boiling Point:        |
| N/A                 | N/A                      | Greater than 90°C     |
| Flammability:       | Solubility co-efficient: | Density:              |
| Non-Flammable       | No data available        | 1.03kg/l              |
| Solubility – Water: | Solubility – Solvent:    | Explosive Properties: |
| Completely Soluble  | Insoluble                | N/A                   |
| Vapour Pressure:    | Oxidising Properties:    | Neurotoxicity         |
| No data available   | No data available        | N/A                   |

**SECTION 10: STABILITY AND REACTIVITY**

|  |                                     |                                     |                                     |    |     |
|--|-------------------------------------|-------------------------------------|-------------------------------------|----|-----|
| Chemical Stability:  | If no, under which conditions:      |                                     |                                     |    |     |
| <table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>YES</td> <td><input type="checkbox"/></td> <td>NO</td> </tr> </table> | <input checked="" type="checkbox"/> | YES                                 | <input type="checkbox"/>            | NO | N/A |
| <input checked="" type="checkbox"/>  | YES                                 | <input type="checkbox"/>            | NO                                  |    |     |
| Incompatibility with Other Substances:   | If yes, which ones?                 |                                     |                                     |    |     |
| <table border="1"> <tr> <td><input type="checkbox"/></td> <td>YES</td> <td><input checked="" type="checkbox"/></td> <td>NO</td> </tr> </table> | <input type="checkbox"/>            | YES                                 | <input checked="" type="checkbox"/> | NO | N/A |
| <input type="checkbox"/>   | YES                                 | <input checked="" type="checkbox"/> | NO                                  |    |     |
| Reactivity and under what conditions:  |                                     |                                     |                                     |    |     |
| N/A  |                                     |                                     |                                     |    |     |
| Hazardous Decomposition Products:  |                                     |                                     |                                     |    |     |
| Strong Oxidising material  |                                     |                                     |                                     |    |     |



## SECTION 11: TOXICOLOGICAL INFORMATIONS

|                       |                       |               |                       |
|-----------------------|-----------------------|---------------|-----------------------|
| Acute Toxicity:       |                       |               |                       |
| Irritation of eyes    |                       |               |                       |
| Skin and eye contact: |                       |               |                       |
| Refer section 3       |                       |               |                       |
| Chronic toxicity:     |                       |               |                       |
| No data available     |                       |               |                       |
| Carcinogenicity:      | No evidence available | Mutagenicity: | No evidence available |

## SECTION 12: ECOLOGICAL INFORMATION

|                             |   |
|-----------------------------|---|
| Aquatic Toxicity – Fish:    | Dangerous to Aquatic Life in Large concentrations |
| Aquatic Toxicity – Daphnia: | Dangerous to Aquatic life                         |
| Aquatic Toxicity – Algae:   | Dangerous to Aquatic life                         |
| Bioaccumulation:            | No data available                                 |
| Biodegradability:           | No data available                                 |
| Mobility:                   | No data available                                 |

## SECTION 13: DISPOSAL CONSIDERATIONS

|                        |  |
|------------------------|--|
| Disposal Methods:      | Via an authorised waste disposal company |
| Disposal of Packaging: | Via an authorised waste disposal company |

## SECTION 14: TRANSPORT INFORMATION

|                   |     |              |                |
|-------------------|-----|--------------|----------------|
| UN No:            |     | Class        | Not classified |
| Substance I.D No: | N/A | Danger Group | IV             |

## SECTION 15: REGULATORY INFORMATION

|                       |           |                |         |
|-----------------------|-----------|----------------|---------|
| Risk Phases:          | R38       | Safety Phases: | S36/S37 |
| National Legislation: | Not Known |                |         |

## SECTION 16: OTHER INFORMATION

To the best of our knowledge the information contained herein is accurate.

However, neither Arrow-Chem nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.



SDS – PINE GEL  
Date: 2025