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Product: GP FRAGRANT

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COMPANY DETAILS

| | |
|---|---|
| Name: BD Chemicals | Emergency Tel. No. (011)7765076/0834693828/0783892507 |
| Address: 56 Stanley Rd Knights Germiston, Gauteng, South Africa | Postal Address: PO Box 4120 Germiston South 1411 |
| Tel. No. (011) 7765076 | |

1. PRODUCT IDENTIFICATION

| | |
|--------------|--|
| Trade Name: | GP FRAGRANT |
| Description: | General Purpose concentrated cleaner with fragrance (containing surfactants, chelating and soil suspending inorganics) |

2. HAZARDOUS COMPONENTS

| | CAS# | ECC Class | % |
|--------------------------------------|------------|-----------|--------|
| Sodium linear alkyl benzenesulfonate | 25155-30-0 | **** | 5 - 10 |
| Sodium Hydroxide | 1310-73-2 | 215-185-5 | 1 - 2 |
| Penta sodium triphosphate | 7758-29-4 | 231-838-7 | 1 - 2 |
| 2-Butoxyethanol | 111-76-2 | 203-905-0 | 2 - 5 |



3. HAZARD IDENTIFICATION

| | |
|-----------------------------|--|
| Main hazard | May irritate skin, eyes, mucous membranes of mouth, throat and esophagus |
| Explosive hazard | Not applicable |
| Fire | Does not support combustion |
| Chemical hazard | Irritant |
| Health effects - eyes | May cause irritation |
| Health effects - skin | May cause irritation |
| Health effects - ingestion | HARMFUL. Causes stomach distress, nausea and vomiting |
| Health effects - inhalation | People with lung problems may be more affected |


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4. FIRST AID

| | |
|-------------------|--|
| Product in eyes: | Flush at once with cool running water. Remove contact lenses. Continue flushing for at least 15 min, holding eyelids apart so as to rinse entire eye. CALL A PHYSICIAN IMMEDIATELY. |
| Product on skin: | Immediately flush skin with plenty of cool running water for at least 15 min while removing contaminated clothing and shoes; discard or wash well before reuse. |
| Product ingested: | Rinse mouth at once; then drink 1 or 2 glasses of water. DO NOT induce vomiting. NEVER give anything by mouth to an unconscious person. |
| Product inhaled: | Immediately move to fresh air. If breathing is difficult administer oxygen, if breathing stopped give artificial respiration. |

For any serious contact situation – GET MEDICAL ATTENTION

5. FIRE FIGHTING MEASURES

| | |
|---------------------|--|
| Extinguishing media | Use method appropriate for surrounding fire. The product does not support combustion |
| Special hazards | Does not support combustion. |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---------------------------|---|
| Personal precautions | Use proper protective equipment |
| Environmental precautions | Prevent release of product to sewers & waterways |
| Small spills | Using water, flush to sewer. Can be neutralized before flushing to sewer. |
| Large Spills | Dike or dam large spills. Pump to containers or soak up on inter absorbent. Using Water, flush residue to sewer |


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7. HANDLING AND STORAGE

| | |
|-------------------------------|---|
| Suitable material | Store in original packaging |
| Loading/unloading precautions | Wear protective equipment |
| Handling/storage precautions | Wear protective equipment. Store in cool, dry well ventilated place away from acidic products |

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

| | |
|----------------------------------|---|
| Personal protection- respiratory | Avoid breathing mists or vapors of this product |
| Personal protection - eyes | Wear chemical splash goggles. For continued or severe exposure wear a face shield over goggles. |
| Personal protection - skin | Wear any industrial rubber gloves, synthetic apron, other protective equipment as necessary to prevent skin contact |
| Other | Access to emergency eye wash and shower is recommended |



9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------|-------------------------------------|
| Appearance | Yellow Liquid |
| Odor | Fragranced Product |
| pH | 8 - 10 (100%) |
| Specific Gravity | 1.05 (20°C) |
| Solubility - water | Mixes with water in all proportions |
| Flammability | Not Flammable |
| Flash point | Not applicable |
| Melting point | Not applicable |
| Boiling point | → 100°C |
| Auto-flammability | Not applicable |
| Explosive properties | Not applicable |
| Vapor pressure | Not applicable |


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10. STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| Conditions to avoid | Dilute product by slowly adding to water. |
| Stability | Stable under normal conditions of use and handling |
| Hazardous decomposition products | May not be limited to oxides of carbon |

11. TOXICOLOGICAL INFORMATION

| | |
|----------------------|----------------------------------|
| Acute exposure | Corrosive to skin, eyes. |
| Chronic exposure | Not applicable |
| Carcinogenicity | Not applicable |
| Mutagenicity | Not applicable |
| Neurotoxicity | Not applicable |
| Reproductive hazards | Not expected to impair fertility |

12. ECOLOGICAL INFORMATION

| | |
|------------------|--|
| General | Large quantities released will produce pH level changes. |
| Aquatic | Contamination of Aquatic systems should be avoided. |
| Biodegradability | All raw materials are bio-degradable |
| Bio-accumulation | Not expected to bio-accumulate |

13. DISPOSABLE CONSIDERATIONS

Unused products are corrosive, consult local authorities for limits on chemical waste disposal. Rinse out empty container thoroughly with water before disposal.

14. TRANSPORT INFORMATION

| | |
|---------------|------|
| UN No. | 3082 |
| Packing Group | III |
| Class | 9 |



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15. REGULATORY INFORMATION

RISK PHRASES

Risk phrases:

R36; Irritant to eyes

R38; Irritant to skin

Safety phrases:

S2; Keep out of reach of children

16. OTHER INFORMATION

The above information is believed to be correct with respect to the formula used to manufacture the product. As data, standards and regulations change, and conditions of use and handling are beyond our control, No WARRANTY, EXPRESS OR IMPLIED, IS MADE TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

| Rev. no. | Rev. date | Reason for revision | Responsible person |
|----------|------------|--------------------------------|--------------------|
| 0 | 29/05/2019 | First issue in 16-point format | Richard Gaddi |
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