

MATERIAL SAFETY DATA SHEET

Description: SAF FRESH CHERRY
Revision Number: 02
Document Number: MSDS F003



AIR FRESHENER / SANITIZER

GENERAL

This special water based formulation contains natural fragrances and ingredients, which will act both as an air freshener and air sanitizer.

FORMULATION

SAF-FRESH is based on cationic surfactants and bactericides with a high concentration of perfume in an aqueous base.

PRODUCT DESCRIPTION

| TEST | UNIT | SPECIFICATIONS |
|------------|-------------------|----------------|
| Appearance | | Clear red |
| Density | g/cm ³ | 0,98 - 1,02 |
| pH | | 5,0 - 6,0 |
| Perfume | | Sweet Cherry |

PROPERTIES

- * Eliminates unpleasant odours.
- * Destroy odour-forming bacteria.
- * Long-lasting fragrance.
- * Economical - can be diluted with water.
- * Contains bactericides and surfactants to sanitise the air.
- * Economical - can be diluted with water.

APPLICATION

- * Fill sprayer with SAF-FRESH and spray.
- * Can be diluted up to 1:3 with water.
- * For a longer lasting effect also spray on fabric such as curtains, carpets etc.

NB: – AS THE PRODUCT MATURES THE COLOUR TENDS TO BE DARKER, THIS HAS NO EFFECT ON THE STRENGTH OF THE FRAGRANCE.

THE RECOMMENDATIONS CONTAINED HERE-IN IS BASED ON LABORATORY TESTS AND INFIELD USE EXPERIENCE, AND ARE TO THE BEST OF OUR KNOWLEDGE ACCURATE. SINCE TERMS AND CONDITIONS OF ACTUAL USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS ARE MADE WITHOUT WARRANTY, EXPRESS OR IMPLIED.

Prepared by: Sabelo Dladla
Reviewed by: Doug Cutter
Status: Issued

Approved by: Doug Cutter
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Company Details

| | | | |
|----------------|----------------------------------|---------|--|
| Name | S.A.F.I.C (PTY) LTD | Tel: | +27 11 406 4000 |
| Address | 32 Steele Street, Steeldale, JHB | Fax: | +27 11 406 4252 |
| Postal Address | PO BOX 1754, Alberton 1450 | e-mail: | technical@safic.co.za |

1. Product Identification

| | | | |
|-----------------|-----------------------------------|---------------|------|
| Trade Name | SAF- FRESH CHERRY | Product Code: | F003 |
| Chemical Family | Non- ionic surfactant and perfume | | |
| Chemical Name | Formulated chemical | | |
| Product Use | Air – Freshener and Sanitizer | | |

2. Composition

| CAS No. | Hazardous Components | Approximate % | Limit |
|--------------------|---------------------------------|---------------|-------|
| N/A | Water | 90-95 | N/A |
| 127087-87-0 | Nonyl Phenol | <5 | N/A |
| N/A | Benzalkonium chloride | <5 | N/A |
| N/A | Fragrance | <5 | N/A |
| EEC classification | Irritant (Xi), SAF-FRESH CHERRY | | |
| R Phrases | R36/38, SAF- FRESH CHERRY | | |

3. Hazards Identification

| | |
|--------------|---|
| Main hazard | Irritant |
| Inhalation | No effects. Excessive mist may cause throat irritation. |
| Skin contact | No effects when used as recommended. |
| Eye contact | Burning, irritant |
| Ingestion | Nausea, vomiting |

4. First Aid Measures

| | |
|--------------|--|
| Inhalation | No effects. Excessive mist may cause throat irritation. |
| Skin contact | No effects, if the are symptoms rinse with water. |
| Eye contact | Flush with running water for at least 15 min, irrigate eyes thoroughly while lifting eyelids and rolling eyeballs. If discomfort persists, seek medical attention. |
| Ingestion | Rinse mouth with water; allow as much water as possible. Seek medical attention. Treat for QAC ingestion. |

5. Fire Fighting Measures

| | |
|---|--|
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|---|---|
| Product is non-flammable. Use extinguishing agents suitable for surrounding fire. | |
| Special hazards | None known |
| Protective clothing | Approved self contained breathing apparatus should be utilised or equivalent. |

6. Accidental Release Measures

| | |
|---------------------------|---|
| Personal precaution | Avoid eye contact, ensure adequate ventilation. |
| Environmental precautions | Avoid discharging large quantities to the environment. |
| Small spills | Remove excess with absorbent material and flush residue with water. |
| Large spills | Dyke ahead of liquid spill for later disposal. Prevent the discharge of large quantities of concentrated product into sewerages and watercourses. |

7. Handling & Storage

| | |
|----------|---|
| Handling | Normal handling procedure for air fresheners to minimise personal exposure. |
| Storage | Store in a cool dry place. Keep container closed. No special requirements. |

8. Exposure Controls/Personal Protection

Workers should have access to an eye wash fountain. Safety goggles (VNC11-supplier MSA) should be utilised where splashing is possible.

9. Physical and Chemical Properties

| | |
|--------------------|--------------------------------|
| Appearance | Clear red |
| pH | 5.50 – 7.50 |
| Density | 0.990 – 1.02 g/cm ³ |
| Solubility (water) | 100 % |

10. Stability and Reactivity

| | |
|----------------------------------|---------------------------------|
| Stability | Stable under normal conditions. |
| Conditions to avoid | Strong oxidants |
| Hazardous decomposition products | None Known |

11. Toxicological Information (based on Q.A.C.)

| | |
|---------------------|--|
| Toxicity | Acute oral: LD50: 457 – 750 mg/kg, rat Acute dermal: LD50: 1560 mg/kg, rabbit |
| Carcinogenicity | No evidence of carcinogenic properties. |
| Mutagenicity | No evidence of mutagenic effects |
| Teratogenicity | No evidence of teratogenic effects |
| Reproductive hazard | Not expected of impair fertility |

12. Ecological Information (based on Q.A.C.)

| | |
|---|--|
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| | |
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| Acute toxicity – fish | 96 hr (static) LC50: 5.2 mg/l |
| Acute toxicity - daphnia | 48 hr (static) LC50: 0.18 mg/l |
| Acute toxicity – algae | MIC: 25 ppm (a.i) |
| Biodegradability | The product is readily biodegradable |
| Bioaccumulation | There is no possibility of bioaccumulation. |

13. Disposal Considerations

| | |
|--|---|
| Dilute product 1000 times when disposing small quantities and run to waste. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options | |
| Permissible under applicable rules, regulations, and/or laws governing your location. | |
| Disposal of packaging | Recycle or wash thoroughly to be re-used. |

14. Transport Information

| | |
|-------------------------|------|
| Substance identity no | F003 |
| ADR/RID class | N/A |
| IMDG – packaging group | III |
| Marine Pollutant | No |
| IMO/IMDG Classification | N/A |
| IATA Classification | N/A |

15. Regulatory Information

| | |
|-------------------|---------------|
| EC Classification | Irritant (Xi) |
| EC Risk phrases | R36 |
| EC Safety phrases | S25 |

16. Other Information

References: SABS 0265: 1999, SABS 0228: 1995 SABS ISO 11014-1: 1994, M.S.D.S. (Suppliers of raw's)

Issued by: Sabelo Dladla

EMERGENCY NUMBERS: 011 406 4000 / 082 412 2298

The information in this MSDS is based on current knowledge and experience at the date of publication. This MSDS summarises our best knowledge of the health and safety hazard information of the product regarding the precautionary handling, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality

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specification of the product. The data relates only to the specific product designated, and does not relate to use of the product in combination with any other material or use of the product in any process. The data is not intended to constitute performance information concerning the product. No express warranty or implied warranty of merchantability for fitness for a particular purpose is made with respect to the product and/or its composition

APPENDIX A

| Revision Date (dd/mm/yy) | Issued By | Revision History | | Revision No. |
|-----------------------------|---------------------|---|-----------|--------------|
| | | Description | DCN No. | |
| 11/02/2011 | Technical Manager | New Issue | MSDS F003 | 00 |
| 20/05/2013 | Technical Manager | Document review and change of Company logo. | MSDS F003 | 01 |
| 21/02/2017 | Operations Director | Document review and Section 14 revision | MSDS F003 | 02 |
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