



## K225 SYSTEM 3000 - CITRUS

### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE: K225  
PRODUCT NAME: SYSTEM 3000 - CITRUS  
MANUFACTURER: Selden Research Limited  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

| NAME<br>CAS No.:  | EINECS Nr.: | CLASSIFICATION                 | CONTENT |
|---|-------------|--------------------------------|---------|
| (L) Lemon Oil Brazilian   |             | Xn;R65. R10.                   | 1-5 %   |
| 7-acetyl-1,1,3,4,4,6-hexamethyl-1,2,3,4-tetrahydronaphthalene<br>21145-77-7 | 244-240-6   | Xn;R22. N;R50/53.              | 0-1 %   |
| BUTANE<br>106-97-8  | 203-448-7   | F+;R12                         | 30-60 % |
| CITRAL<br>5392-40-5   | 226-394-6   | R43 Xi;R38                     | 0-1 %   |
| Lemon Terpenes (By Product)   |             | Xn;R65. Xi;R38. N;R50/53. R10. | 0-1 %   |
| Litsea cubeba, lauraceae<br>90063-59-5                                      | 290-018-7   | Xi;R38. R43.                   | < 0.5%  |
| Nerol<br>106-25-2   | 203-378-7   | R43.                           | < 0.5%  |
| orange terpenes<br>8028-48-6  | 304-454-3   | Xn;R65. R10.                   | 1-5 %   |
| PROPAN-2-OL<br>67-63-0  | 200-661-7   | F;R11 Xi;R36 R67               | 5-10 %  |

The full text for all R-Phrases are displayed in Section 16

### 3. HAZARDS IDENTIFICATION

**R12 Extremely flammable., R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**

**PRESSURISED CONTAINER - increase in temperature to greater than 50C will cause internal pressure to rise potentially causing bursting/explosion.**

### 4. FIRST AID MEASURES

**INHALATION:** Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. For breathing difficulties oxygen may be necessary.

**INGESTION:** Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

**SKIN:** Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

**EYES:** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use:., Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

**SPECIAL FIRE FIGHTING PROCEDURES:** Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

**UNUSUAL FIRE & EXPLOSIVE HAZARDS:** Aerosol cans may explode in a fire.



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### 6. ACCIDENTAL RELEASE MEASURES

- SPILL CLEAN UP METHODS:** Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. If leakage cannot be stopped, evacuate area.
- ENVIRONMENTAL PRECAUTIONS:** Any spillage needs to be contained and not allowed to enter water courses

### 7. HANDLING AND STORAGE

- USAGE PRECAUTIONS:** Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
- STORAGE PRECAUTIONS:** Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

| INGREDIENT NAME: | CAS No.: | STD | LT EXP 8 Hrs | ST EXP 15 Min |
|------------------|----------|-----|--------------|---------------|
| BUTANE           |          | WEL | 600          | 750           |

**PROTECTIVE EQUIPMENT:**

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE:** Aerosol
- ODOUR:** Characteristic, Perfume scent
- PHYSICAL DATA COMMENTS:** Information given relates to total aerosol container contents.
- DENSITY/SPECIFIC GRAVITY(g/ml):** 0.6
- pH-VALUE, CONC. SOLUTION:** N/A
- FLASH POINT (°C):** - 74
- AUTO IGNITION TEMPERATURE (°C):** + 405
- FLAMMABILITY LIMIT - LOWER(%):** 1.8
- FLAMMABILITY LIMIT - UPPER(%):** 10.0

### 10. STABILITY AND REACTIVITY

- STABILITY:** Stable under normal temperature conditions. Avoid: Heat, sparks, flames.
- CONDITIONS TO AVOID:** Avoid heat, flames and other sources of ignition. Increase in temperature to greater than 50 degrees will cause rise in internal pressure with likelihood of bursting/explosion.
- HAZARDOUS COMPOSITION PRODUCTS:** Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

### 11. TOXICOLOGY INFORMATION

- INHALATION:** High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Gas or vapour displaces oxygen available for breathing (asphyxiant). Unconsciousness.
- SKIN CONTACT:** Liquid may irritate skin.
- EYE CONTACT:** Irritation of eyes and mucous membranes.

### 12. ECOLOGICAL INFORMATION

- ECOTOXICITY:** Harmful to aquatic organisms., May cause long term adverse effects in the aquatic environment.

### 13. DISPOSAL CONSIDERATIONS

- DISPOSABLE METHODS:** Empty containers must not be burned because of explosion hazard., Dispose of waste and residues in accordance with local authority requirements.



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## 14. TRANSPORT INFORMATION

UN No ROAD: 1950  
UK ROAD TRANSPORT CLASS: 2.1  
ADR CLASS NO.: 2.1  
PROPER SHIPPING NAME I: AEROSOLS, FLAMMABLE  
UN No SEA: 1950  
IMDG CLASS: 2.1  
ICAO CLASS: 2.1

## 15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES: R12 Extremely flammable. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES: S2 Keep out of the reach of children, S16 Keep away from sources of ignition - No smoking. S51 Use only in well-ventilated areas. P14 Contains CITRAL, Litsea cubeba, lauraceae, Nerol. May produce an allergic reaction.. May produce an allergic reaction.

STATUTORY INSTRUMENTS: Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES: Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION

USER NOTES: The following risk phrases relate to the raw materials in the product and not the product itself:-

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REV. NO./REPL. SDS GENERATED: 5

R-PHRASES (Full Text): R12 Extremely flammable.| R11 Highly flammable., R36 Irritating to eyes., R67 Vapours may cause drowsiness and dizziness.| R38 Irritating to skin., R43 May cause sensitisation by skin contact.| R38 Irritating to skin., R43 May cause sensitisation by skin contact.| R22 Harmful if swallowed., R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.| R43 May cause sensitisation by skin contact.| R10 Flammable., R65 Harmful: may cause lung damage if swallowed.| R10 Flammable., R65 Harmful: may cause lung damage if swallowed.| R10 Flammable., R38 Irritating to skin., R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment., R65 Harmful: may cause lung damage if swallowed.|