

## CITRUS BLAST

K376

## 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Code K376

Manufacturer : Selden Research Limited  
Staden Lane Business Park, Staden Lane,  
Buxton, Derbyshire. SK17 9RZ  
United Kingdom

Product Name CITRUS BLAST

Tel : 01298 26226  
Fax : 01298 26540  
Email : sales@selden.co.uk

## 2 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.

Classification F+;R12. R52/53.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name       | EINICS No. | CAS No.   | Content  | Classification          |
|------------|------------|-----------|----------|-------------------------|
| BUTANE     | 203-448-7  | 106-97-8  | 30 - 60% | F+;R12                  |
| d-LIMONENE | 227-813-5  | 5989-27-5 | 0.5 - 1% | R10 R43 Xi;R38 N;R50/53 |
| PROPANE    | 200-827-9  | 74-98-6   | 30 - 60% | F+;R12                  |

The Full Text for all R-Phrases are Displayed in Section 16

## 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 CONTACT | Wash the skin immediately with soap and water., Get medical attention if any discomfort continues.   |
| EYE CONTACT  | 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 & EXPLOSION HAZARDS | Aerosol cans may explode in a fire.  |

## 6 ACCIDENTAL RELEASE MEASURES

|                           |   |
|---------------------------|---|
| PERSONAL PRECAUTIONS      | 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. |
| USAGE DESCRIPTION | Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.   |

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

| Name                 | Std | TWA - 8 hrs   | STEL - 15 min | Notes              |
|----------------------|-----|---|---------------|--------------------|
| BUTANE               | WEL | 600 ppm   | 1450 mg/m3    | 750 ppm 1810 mg/m3 |
| ENGINEERING MEASURES |     | Provide adequate general and local exhaust ventilation. |               |                    |

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                                |  |
|--------------------------------|--|
| APPEARANCE                     | Aerosol  |
| COLOUR                         | colourless   |
| ODOUR                          | Characteristic, Citrus   |
| PHYSICAL DATA COMMENTS         | Information given relates to total aerosol container contents. |
| RELATIVE DENSITY               | 0.55 @ 20 C  |
| pH-VALUE, CONC. SOLUTION       | Not applicable   |
| FLASH POINT (°C)               | - 74 N/A.  |
| 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.   |
| 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 DECOMPOSITION PRODUCTS | Fire creates:, Toxic gases/vapours/fumes of:, Carbon monoxide (CO)., Carbon dioxide (CO2).  |

**11 TOXICOLOGICAL 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 | No specific health warnings noted.   |
| EYE CONTACT  | Irritation of eyes and mucous membranes.   |

**12 ECOLOGICAL INFORMATION**

|             |  |
|-------------|--|
| ECOTOXICITY | Harmful to aquatic organisms., Because product is so volatile if it is released into the environment the liquid would very quickly turn into vapour. |
|-------------|--|


**13 DISPOSAL CONSIDERATIONS**

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

**14 TRANSPORT INFORMATION**

|                      |                     |
|----------------------|---------------------|
| UN NO. ROAD          | 1950                |
| UK ROAD CLASS        | 2                   |
| ADR CLASS NO.        | 2.1                 |
| PROPER SHIPPING NAME | AEROSOLS, FLAMMABLE |
| UN NO. SEA           | 1950                |
| IMDG CLASS           | 2.1                 |
| IMDG PACK GR.        | N/A                 |
| UN NO. AIR           | 1950                |
| AIR CLASS            | 2.1                 |
| AIR PACK GR.         | N/A                 |

**15 REGULATORY INFORMATION**

|                           |  |
|---------------------------|--|
| LABELLING                 |  <p>Extremely Flammable (F+)</p>  |
| RISK PHRASES              | R12 Extremely flammable., R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.   |
| SAFETY PHRASES            | S16 Keep away from sources of ignition - No smoking., S51 Use only in well-ventilated areas., P14 Contains d-LIMONENE. May produce an allergic reaction., S2 Keep out of the reach of children |
| 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**

|                              |  |
|------------------------------|--|
| GENERAL INFORMATION          | The following risk phrases relate to the raw materials in the product and not the product itself:-   |
| REVISION DATE                | 28/01/2008   |
| REV. NO./REPL. SDS GENERATED | 4  |
| RISK PHRASES IN FULL         | R12 Extremely flammable.  R12 Extremely flammable.  R10 Flammable., R38 Irritating to skin., R43 May cause sensitisation by skin contact., R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |