

CITRUS BLAST

K376

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

Product Code K376

Manufacturer : Selden Research Limited

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Product Name CITRUS BLAST

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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.
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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.
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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.