



## K070 D-SOLVE

### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE: K070  
PRODUCT NAME: D-SOLVE  
MANUFACTURER: Selden Research Limited  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME CAS No.:	EINECS Nr.:	CLASSIFICATION	CONTENT
BUTANE 106-97-8	203-448-7	F+;R12	5-10 %
NATURALLY DERIVED TERPENES 68647-72-3	227-813-5	Xn;R65. Xi;R38. N;R50/53. R10,R43.	1-5 %

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

### 3. HAZARDS IDENTIFICATION

R12 Extremely flammable., R43 May cause sensitisation by skin contact., R51/53 Toxic 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.

### 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.



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### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
BUTANE		WEL	1450 mg/m3	1810 mg/m3

#### PROTECTIVE EQUIPMENT:



### 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Aerosol
COLOUR:	colourless
ODOUR:	Characteristic, Solvent.
PHYSICAL DATA COMMENTS:	Information given relates to total aerosol container contents.
DENSITY/SPECIFIC GRAVITY(g/ml)	0.87
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 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:	No specific health warnings noted.
EYE CONTACT:	Irritation of eyes and mucous membranes.

### 12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Not regarded as dangerous for the environment.
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### 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
ADR CLASS NO.:	2
PROPER SHIPPING NAME I:	AEROSOLS, FLAMMABLE
UN No SEA:	1950
IMDG CLASS:	2.1
UN NO. AIR:	1950
ICAO CLASS:	2.1



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## 15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES:

R12 Extremely flammable. R43 May cause sensitisation by skin contact. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES:

S16 Keep away from sources of ignition - No smoking. S23 Do not breathe vapour/spray. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S51 Use only in well-ventilated areas.

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:-

REVISION DATE:

26/09/2007

REV. NO./REPL. SDS GENERATED:

10

R-PHRASES (Full Text):

R12 Extremely flammable. | R10 Flammable., R65 Harmful: may cause lung damage if swallowed., 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. |