



# Safety Data Sheet

according to 1907/2006/EC, Article 31

Origin date: 01.01.2005

Revision: 29.01.2010

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** *CT1 Multisolve*
- **Article number:** *683041*
- **Application of the substance / the preparation** *Removing adhesive, degreasing and cleaning*
- **Manufacturer/Supplier:**  
CTec  
Unit 4, Ashtree Enterprise Park  
Newry BT34 1BY  
Tel.: +44 2830834892  
Fax.: +44 2830264444  
N. Ireland  
E-mail: [info@ct1ltd.com](mailto:info@ct1ltd.com) Internet: [www.ct1ltd.com](http://www.ct1ltd.com)
- **Further information obtainable from:**  
Product safety department  
[info@ct1ltd.com](mailto:info@ct1ltd.com)
- **Information in case of emergency:** Tel: +44 2830834892

## 2 Hazards identification

- **Hazard description:**



F+ Extremely flammable

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Harmful: may cause lung damage if swallowed.

R 12 Extremely flammable.

R 66 Repeated exposure may cause skin dryness or cracking.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.

Buildup of explosive mixtures possible without sufficient ventilation.

Keep out of the reach of children

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy	Xn; R 10-65-66	50-100%
CAS: 75-28-5 EINECS: 200-857-2	isobutane	F+; R 12	10-25%
CAS: 74-98-6 EINECS: 200-827-9	propane	F+; R 12	10-25%
CAS: 106-97-8 EINECS: 203-448-7	butane	F+; R 12	2.5-10%

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· **Regulation (EC) No 648/2004 on detergents / Labelling for contents**

aliphatic hydrocarbons	≥ 30%
aromatic hydrocarbons	< 5%

· **Additional information:** For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

· **After inhalation:**

Supply fresh air; consult doctor in case of complaints.  
Take affected persons into fresh air and keep quiet.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.  
Immediately remove any clothing soiled by the product.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** Do not induce vomiting; call for medical help immediately.

## 5 Fire-fighting measures

· **Suitable extinguishing agents:**

Foam  
Fire-extinguishing powder  
Carbon dioxide

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **Special hazards caused by the substance, its products of combustion or resulting gases:**

Can form explosive gas-air mixtures.  
Formation of toxic gases is possible during heating or in case of fire.

· **Protective equipment:** Wear self-contained respiratory protective device.

· **Additional information**

Cool endangered receptacles with water spray.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## 6 Accidental release measures

· **Person-related safety precautions:**

Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Keep away from ignition sources.

· **Measures for environmental protection:** No special measures required.

· **Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.

· **Additional information:** See Section 13 for disposal information.

## 7 Handling and storage

· **Handling:**

· **Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.  
Avoid contact with skin and eyes.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.

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Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.  
Do not spray onto a naked flame or any incandescent material.

- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in a cool location.  
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from heat and direct sunlight.

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

### 106-97-8 butane

WEL	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
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- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.
- **Respiratory protection:** Not necessary if room is well-ventilated.
- **Recommended filter device for short term use:** Filter AX
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves**  
Nitrile rubber, NBR  
Recommended thickness of the material:  $\geq 0.7$  mm
- **Penetration time of glove material**  
 $\geq 240$  min  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:**



Tightly sealed goggles

- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

- **General Information**

<b>Form:</b>	Aerosol
<b>Colour:</b>	Colourless
<b>Odour:</b>	Solvent-like

- **Change in condition**  
**Melting point/Melting range:** Undetermined.

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<b>Boiling point/Boiling range:</b>	Not applicable, as aerosol.
<b>Flash point:</b>	Not applicable, as aerosol.
<b>Ignition temperature:</b>	>200°C
<b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Density at 20°C:</b>	0.65991 g/cm <sup>3</sup>
<b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
<b>Organic solvents:</b>	100.0 %

## 10 Stability and reactivity

- Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- Dangerous reactions** No dangerous reactions known.
- Dangerous decomposition products:**  
Aldehyde  
Carbon monoxide and carbon dioxide

## 11 Toxicological information

- Acute toxicity:**

- LD/LC50 values relevant for classification:**

64742-48-9 Naphtha (petroleum), hydrotreated heavy

Oral LD50 &gt;5000 mg/kg (rat)

Dermal LD50 &gt;3000 mg/kg (rab)

- Primary irritant effect:**
- on the skin:** No irritant effect.
- on the eye:** No irritating effect.
- Sensitization:** No sensitizing effects known.
- Additional toxicological information:** Vapours have narcotic effect.

## 12 Ecological information

- General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow product to reach ground water, water course or sewage system.

## 13 Disposal considerations

- Product:**

- Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- European waste catalogue**

16 05 04 gases in pressure containers (including halons) containing dangerous substances

15 01 04 metallic packaging

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

### · Land transport ADR/RID (cross-border)



- **ADR/RID class:** 2 5F Gases.
- **Danger code (Kemler):** 23
- **UN-Number:** 1950
- **Packaging group:** -
- **Hazard label:** 2.1
- **Description of goods:** 1950 AEROSOLS
- **Limited quantities (LQ)** LQ2
- **Transport category** 2
- **Tunnel restriction code** B1D

### · Maritime transport IMDG:



- **IMDG Class:** 2.1
- **UN Number:** 1950
- **Label** 2.1
- **Packaging group:** -
- **EMS Number:** F-D,S-U
- **Marine pollutant:** No
- **Proper shipping name:** AEROSOLS

### · Air transport ICAO-TI and IATA-DGR:



- **ICAO/IATA Class:** 2.1
- **UN/ID Number:** 1950
- **Label** 2.1
- **Packaging group:** -
- **Proper shipping name:** AEROSOLS, flammable

## 15 Regulatory information

### · Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

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· **Code letter and hazard designation of product:**



F+ Extremely flammable

· **Risk phrases:**

- 12 Extremely flammable.  
66 Repeated exposure may cause skin dryness or cracking.

· **Safety phrases:**

- 23 Do not breathe spray.  
46 If swallowed, seek medical advice immediately and show this container or label.  
51 Use only in well-ventilated areas.  
56 Dispose of this material and its container to hazardous or special waste collection point.

· **Special labelling of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.  
Buildup of explosive mixtures possible without sufficient ventilation.  
Keep out of the reach of children

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant R-phrases**

- 10 Flammable.  
12 Extremely flammable.  
65 Harmful: may cause lung damage if swallowed.  
66 Repeated exposure may cause skin dryness or cracking.

· **\* Data compared to the previous version altered.**

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