

# Safety Data Sheet



Revision Date 24-Feb-2015  
Version 1

## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** Colorfast Extraction & Upholstery Cleaner

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Professional Carpet Cleaning

### 1.3 Details of the supplier of the safety data sheet

**Supplier** Chemspec Europe Ltd.  
Unit 36 Tong Park Otley Road  
Baildon  
Shipley, West Yorkshire BD17 7QD  
United Kingdom  
+44 (0) 1274 597333

**Manufacturer** Chemspec  
901 North Newkirk Street  
Baltimore, MD 21205

For further information, please contact: [msds@chemspecworld.com](mailto:msds@chemspecworld.com)

### 1.4 Emergency telephone number

**Emergency telephone number** Chemtrec: 1-800-424-9300 for US  
+1 703-527-3887 outside US

<b>Europe</b>	112
<b>Austria</b>	+43 1 406 43 43
<b>Belgium</b>	Poison center (BE): +32 70 245 245
<b>Denmark</b>	Poison Control Hotline (DK): +45 82 12 12 12
<b>Finland</b>	Poison Information Centre (FI): +358 9 471 977
<b>France</b>	ORFILA (FR): + 01 45 42 59 59
<b>Germany</b>	Poison Center Berlin (DE): +49 030 30686 790 Poison Center Nord: +49 551 19240 (24h available English / German)
<b>Ireland</b>	National Poisons Information Centre (IE): +353 1 8379964
<b>Iceland</b>	+354 543 2222
<b>Italy</b>	Poison Center, Milan (IT): +39 02 6610 1029
<b>Luxembourg</b>	112
<b>Netherlands</b>	National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals)
<b>Norway</b>	Poisons Information (NO): + 47 22 591300
<b>Portugal</b>	Poison Information Center (PT): +351 21 330 3284
<b>Spain</b>	Poison Information Service (ES): +34 91 562 04 20
<b>Sweden</b>	Poisons Information Center (SV): +46 8 33 12 31
<b>Switzerland</b>	Poison Center: Tel 145; +41 44 251 51 51
<b>United Kingdom</b>	NHS Direct (UK): +44 (0) 845 46 47; 111

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

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**Classification according to Regulation (EU) 1272/2008**

Chronic aquatic toxicity	Category 2 - (H411)
Flammable liquids	Category 3

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

The preparation is classified as dangerous in accordance with Directive 1999/45/EC

Xn;R20/21 - R42 - R52/53

*For the full text of the R-phrases mentioned in this Section, see Section 16*

**2.2 Label elements**

**Hazard pictograms**



**Signal Word**

Warning

**Hazard Statements**

H411 - Toxic to aquatic life with long lasting effects

H226 - Flammable liquid and vapor

**Precautionary Statements - EU (§28, 1272/2008)**

P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction

P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking

**Hazardous ingredients which must be listed on the label**

Contains Alcohols, C6-C12, Ethoxylated, propoxylated, Alcohols, C10-C16, ethoxylated, propoxylated

**Supplemental information**

**2.3 Other hazards**

No information available

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**3. Composition/Information on Ingredients**

**3.1 Substances**

This product is a mixture. Health hazard information is based on its components.

### **3.2 Mixtures**

**For the full text of the R-phrases mentioned in this Section, see Section 16**

**For the full text of the H-Statements mentioned in this Section, see Section 16.**

## **4. First Aid Measures**

### **4.1 Description of first-aid measures**

<b>General advice</b>	If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin contact</b>	Consult a physician if necessary. Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Wash off immediately with soap and plenty of water. Immediate medical attention is not required. If skin irritation persists, call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician. Rinse mouth. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Inhalation</b>	Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Consult a physician. Oxygen or artificial respiration if needed. Immediate medical attention is not required. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.
<b>Protection of First-aiders</b>	Use personal protective equipment.

### **4.2 Most important symptoms and effects, both acute and delayed**

**Main Symptoms** No information available.

### **4.3 Indication of any immediate medical attention and special treatment needed**

**Notes to physician** Treat symptomatically. May cause sensitization of susceptible persons.

## **5. Fire-Fighting Measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Use:, Dry chemical, Carbon dioxide (CO<sub>2</sub>), Water spray, Alcohol-resistant foam.

#### **Extinguishing media which shall not be used for safety reasons**

No information available.

### **5.2 Special hazards arising from the substance or mixture**

Contact with water liberates toxic gas. Risk of ignition. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating gases and vapors.

### **5.3 Advice for firefighters**

In the event of fire, wear self-contained breathing apparatus. Full protective flameproof clothing.

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges. Avoid contact with skin, eyes and clothing.

### 6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system. Prevent entry into waterways, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

### 6.3 Methods and materials for containment and cleaning up

#### **Methods for cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

### 6.4 Reference to other sections

See Section 12 for additional information.

## 7. Handling and storage

### 7.1 Precautions for safe handling

#### **Advice on safe handling**

Wear personal protective equipment. Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

### 7.2 Conditions for safe storage, including any incompatibilities

#### **Technical measures/Storage conditions**

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

### 7.3 Specific end uses

#### **Specific use(s)**

No information available

#### **Exposure scenario**

No information available.

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

#### **Exposure Limit Values**

Chemical Name	European Union	Austria	Belgium	Denmark	Finland	France
ISOPROPYL ALCOHOL 67-63-0		STEL 800 ppm STEL 2000 mg/m <sup>3</sup> TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 490 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup> STEL: 250 ppm STEL: 620 mg/m <sup>3</sup>	STEL: 400 ppm STEL: 980 mg/m <sup>3</sup>
D-limonene 5989-27-5					TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 50 ppm	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>

					STEL: 280 mg/m <sup>3</sup>	
POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3		STEL 4000 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup>				
<b>Chemical Name</b>	<b>Germany</b>	<b>Iceland</b>	<b>Ireland</b>	<b>Italy</b>	<b>Luxembourg</b>	<b>The Netherlands</b>
ISOPROPYL ALCOHOL 67-63-0	TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 490 mg/m <sup>3</sup> S* Ceiling: 400 ppm Ceiling: 980 mg/m <sup>3</sup>	TWA: 200 ppm STEL: 400 ppm Skin	STEL: 400 ppm STEL: 983 mg/m <sup>3</sup> TWA: 200 ppm TWA: 492 mg/m <sup>3</sup>		
D-limonene 5989-27-5	TWA: 5 ppm TWA: 28 mg/m <sup>3</sup>					
POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3	TWA: 1000 mg/m <sup>3</sup>					
<b>Chemical Name</b>	<b>Norway</b>	<b>Portugal</b>	<b>Spain</b>	<b>Sweden</b>	<b>Switzerland</b>	<b>The United Kingdom</b>
ISOPROPYL ALCOHOL 67-63-0	TWA: 100 ppm TWA: 245 mg/m <sup>3</sup> STEL: 150 ppm STEL: 306.25 mg/m <sup>3</sup>	STEL: 400 ppm TWA: 200 ppm	STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup> TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	LLV: 150 ppm LLV: 350 mg/m <sup>3</sup> STV: 250 ppm STV: 600 mg/m <sup>3</sup>	STEL: 400 ppm STEL: 1000 mg/m <sup>3</sup> TWA: 200 ppm TWA: 500 mg/m <sup>3</sup>	STEL: 500 ppm STEL: 1250 mg/m <sup>3</sup> TWA: 400 ppm TWA: 999 mg/m <sup>3</sup>
D-limonene 5989-27-5	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 175 mg/m <sup>3</sup>				STEL: 14 ppm STEL: 80 mg/m <sup>3</sup> TWA: 7 ppm TWA: 40 mg/m <sup>3</sup>	
POLY(OXY-1,2-ETHA NEDIYL), A-HYDRO-O-HYDRO XY- 25322-68-3					TWA: 1000 mg/m <sup>3</sup>	

TWA: Time weighted average  
 STEL: Short term exposure limit  
 LLV: Level Limit Value  
 STV: Short Term Value

**Derived No Effect Level (DNEL)** No information available

**Predicted No Effect Concentration (PNEC)** No information available

**8.2 Exposure controls**

**Engineering Measures** Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

- Eye/Face Protection** Safety glasses with side-shields.
- Hand Protection** Rubber/latex/neoprene or other suitable chemical resistant gloves.
- Skin and body protection** Antistatic boots. Wear fire/ flame resistant/ retardant clothing. Impervious gloves. Long sleeved clothing. Chemical resistant apron. Lightweight protective clothing. Apron.
- Respiratory protection** No special protective equipment required.

**Hygiene measures** When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

**Environmental Exposure Controls** Do not allow material to contaminate ground water system.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear liquid
<b>Color</b>	Colorless
<b>Odor</b>	Ether

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>	2.5	
<b>Boiling point/boiling range</b>		
<b>Flash Point</b>	58 °C / 136 °F	
<b>Explosion Limits</b>		
upper	no data available	
lower	no data available	
<b>Vapor pressure</b>	no data available	
<b>Vapor density</b>	No Data Available	
<b>Relative density</b>	No Data Available	
<b>Water solubility</b>	Readily miscible	
<b>Partition coefficient: n-octanol/water</b>	No Data Available	
<b>Viscosity, kinematic</b>	No Data Available	
<b>Explosive properties</b>	no data available	
<b>Evaporation rate</b>	Not Applicable	

### 9.2 Other information

<b>Volatile organic compounds (VOC) content</b>	38%
<b>Bulk Density</b>	Not Applicable
<b>Melting/freezing point</b>	
<b>Autoignition temperature</b>	

## 10. Stability and Reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

#### **Hazardous Polymerization**

No information available.

### 10.4 Conditions to Avoid

Heat, flames and sparks.

### 10.5 Incompatible Materials

No materials to be especially mentioned.

### 10.6 Hazardous Decomposition Products

None under normal use conditions.

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Product Information

<b>Inhalation</b>	There are no data available for this product.
<b>Eye contact</b>	There are no data available for this product.
<b>Skin contact</b>	There are no data available for this product.
<b>Ingestion</b>	There are no data available for this product.

##### Component Information

<b>Chronic toxicity</b>	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
<b>Skin corrosion/irritation</b>	No information available.
<b>Respiratory or skin sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>Specific target organ systemic toxicity (single exposure)</b>	No information available.
<b>Specific target organ systemic toxicity (repeated exposure)</b>	No information available.
<b>Aspiration hazard</b>	No information available
<b>Carcinogenicity</b>	No information available.

## 12. Ecological information

### 12.1 Toxicity

<b>Ecotoxicity effects</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. .
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### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

**12.5 Results of PBT and vPvB assessment**

No information available

**12.6 Other adverse effects.**

No information available

**13. Disposal Considerations**

**13.1 Waste treatment methods**

**Waste from residues / unused products**

Dispose of in accordance with local regulations.

**Contaminated packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Other information**

According to the European Waste Catalog, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

**14. Transport Information**

**ADR** Not regulated

**IMDG** Not regulated

**IATA** Not regulated



## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulatory information

<b>Germany WGK Classification</b>	Not determined
<b>Denmark - MAL Factor</b>	Not determined

#### International Inventories

<b>TSCA</b>	Complies
<b>EINECS/ELINCS</b>	-
<b>DSL</b>	Complies
<b>PICCS</b>	-
<b>ENCS</b>	-
<b>IECSC</b>	-
<b>AICS</b>	-
<b>KECL</b>	-

#### **Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
 "-" - Unknown. Not listed.

### 15.2 Chemical Safety Assessment

No information available

## 16. Other information

#### **Full text of R-phrases referred to under sections 2 and 3**

R42 - May cause sensitization by inhalation  
 R22 - Harmful if swallowed  
 R11 - Highly flammable  
 R67 - Vapors may cause drowsiness and dizziness  
 R36 - Irritating to eyes  
 R10 - Flammable  
 R43 - May cause sensitization by skin contact  
 R38 - Irritating to skin  
 R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
 R20/21 - Harmful by inhalation and in contact with skin  
 R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

#### **Full text of H-Statements referred to under section 3**

<b>Prepared By</b>	Chemspec Regulatory Affairs/Product Safety
<b>Revision Date</b>	24-Feb-2015
<b>Revision Note</b>	Not Applicable.

This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008/EC.

#### **Disclaimer**

**The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.**

**End of Safety Data Sheet**