

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo®

Revision date: 14.09.2020

Page 1 of 12

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

723(E) Sprasolvo®

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

###### Use of the substance/mixture

Penetrating oil – frees nuts, bolts, fittings without injury to base metal.

###### Uses advised against

No information available.

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

Company name:	Chesterton International GmbH	
Street:	Am Lenzenfleck 23	
Place:	DE-85737 Ismaning GERMANY	
Telephone:	+49 89 99 65 46 - 0	Telefax: +49 89 99 65 46 - 50
e-mail:	eu-sds@chesterton.com	
e-mail (Contact person):	eu-sds@chesterton.com	
Internet:	www.chesterton.com	
Responsible Department:	eu-sds@chesterton.com	

##### 1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Regulation (EC) No. 1272/2008

Hazard categories:

Aerosol: Aerosol 2

Aspiration hazard: Asp. Tox. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Flammable aerosol.

Pressurised container: May burst if heated.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

##### 2.2. Label elements

###### Regulation (EC) No. 1272/2008

###### Hazard components for labelling

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics

**Signal word:** Warning

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo<sup>®</sup>

Revision date: 14.09.2020

Page 2 of 12

#### Pictograms:



#### Hazard statements

H223 Flammable aerosol.  
H229 Pressurised container: May burst if heated.  
H336 May cause drowsiness or dizziness.

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 Dispose of contents/container to an appropriate recycling or disposal facility.

#### Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

#### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics			40-50 %
	919-857-5		01-2119463258-33	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066			
124-38-9	Carbon dioxide			1-5 %
	204-696-9			
	Compressed gas; H280			

Full text of H and EUH statements: see section 16.

#### Further Information

No information available.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo<sup>®</sup>

Revision date: 14.09.2020

Page 3 of 12

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### **General information**

Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### **After inhalation**

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a doctor.

#### **After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

#### **After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. If eye irritation persists: Get medical advice/attention.

#### **After ingestion**

Do NOT induce vomiting.  
Immediately call a doctor.

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

Causes eye irritation. Causes skin irritation. Repeated exposure may cause skin dryness or cracking.  
Most important symptoms and effects, both acute and delayed: Headache, Dizziness, Pulmonary oedema  
Vapours may cause drowsiness and dizziness.

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

First Aid, decontamination, treatment of symptoms.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### **Suitable extinguishing media**

Dry extinguishing powder. Carbon dioxide (CO<sub>2</sub>). alcohol resistant foam. Water spray jet

#### **Unsuitable extinguishing media**

Full water jet

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

Heating causes rise in pressure with risk of bursting.  
Vapours can form explosive mixtures with air.

### 5.3. Advice for firefighters

Special protective equipment for firefighters Protective clothing.  
In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## SECTION 6: Accidental release measures

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo<sup>®</sup>

Revision date: 14.09.2020

Page 4 of 12

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

See protective measures under point 7 and 8.

Provide adequate ventilation.

Personal protection equipment: see section 8

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Cover drains.

#### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### **6.4. Reference to other sections**

See protective measures under point 7 and 8.

Disposal: see section 13

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

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

See section 8. Wear personal protection equipment (refer to section 8).

##### **Advice on protection against fire and explosion**

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

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

##### **Further information on handling**

Do not pierce or burn, even after use.

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

##### **Requirements for storage rooms and vessels**

Keep cool. Protect from sunlight.

Pressurised container: May burst if heated.

##### **Hints on joint storage**

Keep away from:

Food and feedingstuffs

##### **Further information on storage conditions**

Keep away from:

Frost

Heat

Humidity

#### **7.3. Specific end use(s)**

No information available.

### **SECTION 8: Exposure controls/personal protection**

#### **8.1. Control parameters**

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo®

Revision date: 14.09.2020

Page 5 of 12

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
124-38-9	Carbon dioxide	5000	9150		TWA (8 h)	WEL
		15000	27400		STEL (15 min)	WEL

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics			
Worker DNEL, long-term		inhalation	systemic	1500 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	300 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	900 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	300 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	300 mg/kg bw/day
Worker DNEL, acute		inhalation	systemic	1300 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	840 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	local	1100 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	systemic	1200 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	local	180 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	local	640 mg/m <sup>3</sup>

#### 8.2. Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

##### Protective and hygiene measures

Wear protective gloves/protective clothing.

##### Eye/face protection

Suitable eye protection:

Eye glasses with side protection  
goggles

##### Hand protection

Tested protective gloves must be worn: EN ISO 374

NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

Thickness of the glove material  $\geq$  0,4 mm

Breakthrough times and swelling properties of the material must be taken into consideration.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Wearing time with occasional contact (splashes): max. 480 min. (NBR (Nitrile rubber))

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo<sup>®</sup>

Revision date: 14.09.2020

Page 6 of 12

Wearing time with permanent contact 240 - 480 min (NBR (Nitrile rubber))  
 Observe the wear time limits as specified by the manufacturer.

#### Skin protection

Protective clothing

#### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Filtering device (full mask or mouthpiece) with filter: A-P2

#### Environmental exposure controls

No special measures are necessary.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	blue
Odour:	like: Petroleum

#### Test method

pH-Value:	not applicable
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#### Changes in the physical state

Melting point:	No data available
Initial boiling point and boiling range:	No data available
Sublimation point:	No data available
Softening point:	No data available
Pour point:	No data available
Flash point:	49 °C

#### Flammability

Solid:	No data available
Gas:	No data available

#### Explosive properties

Vapours can form explosive mixtures with air.

Lower explosion limits:	No data available
Upper explosion limits:	No data available

#### Auto-ignition temperature

Solid:	No data available
Gas:	No data available

Decomposition temperature:	No data available
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#### Oxidizing properties

No information available.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo®

Revision date: 14.09.2020

Page 7 of 12

Vapour pressure: (at 20 °C)	No data available
Density (at 20 °C):	0,83 g/cm <sup>3</sup>
Water solubility:	Immiscible
<b>Solubility in other solvents</b> No information available.	
Partition coefficient:	No data available
Viscosity / kinematic:	No data available
Vapour density:	>1 (Air=1)
Evaporation rate:	<1 (Ether =1)

#### **9.2. Other information**

No information available.

### SECTION 10: Stability and reactivity

#### **10.1. Reactivity**

The product is stable under storage at normal ambient temperatures.

#### **10.2. Chemical stability**

The substance is chemically stable under recommended conditions of storage, use and temperature.

#### **10.3. Possibility of hazardous reactions**

This material is considered to be non-reactive under normal use conditions.

#### **10.4. Conditions to avoid**

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

#### **10.5. Incompatible materials**

Strong acid, Strong alkali, Oxidising agent

#### **10.6. Hazardous decomposition products**

Nitrogen oxides (NOx), Carbon dioxide (CO<sub>2</sub>), Carbon monoxide

### SECTION 11: Toxicological information

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo®

Revision date: 14.09.2020

Page 8 of 12

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1988)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1989)	OECD Guideline 402
	inhalation (4 h) vapour	LC50 > 4,96 mg/l	Rat	Study report (1992)	OECD Guideline 403

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### STOT-single exposure

May cause drowsiness or dizziness. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics)

#### STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

#### Aspiration hazard

May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

No information available.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics					
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Pseudokirchneriella subcapitata	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 4,5 mg/l	48 h	Daphnia magna	Study report (1995)	OECD Guideline 202
	Fish toxicity	NOEC 0,131 mg/l	28 d	Oncorhynchus mykiss	REACH Registration Dossier	The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC 0,23 mg/l	21 d	Daphnia magna	REACH Registration Dossier	The aquatic toxicity was estimated by a

### 12.3. Bioaccumulative potential



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo®

Revision date: 14.09.2020

Page 9 of 12

No information available.

#### BCF

CAS No	Chemical name	BCF	Species	Source
64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	144,3	calculated	Other company data (

#### 12.4. Mobility in soil

No information available.

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

No information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Dispose of waste according to applicable legislation.

##### Contaminated packaging

Dispose of waste according to applicable legislation.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b><u>14.1. UN number:</u></b>	UN 1950
<b><u>14.2. UN proper shipping name:</u></b>	AEROSOLS
<b><u>14.3. Transport hazard class(es):</u></b>	2
<b><u>14.4. Packing group:</u></b>	-
Hazard label:	2.1
Classification code:	5F
Special Provisions:	190 327 344 625
Limited quantity:	1 L
Excepted quantity:	E0
Transport category:	2
Tunnel restriction code:	D

#### Inland waterways transport (ADN)

<b><u>14.1. UN number:</u></b>	UN 1950
<b><u>14.2. UN proper shipping name:</u></b>	AEROSOLS
<b><u>14.3. Transport hazard class(es):</u></b>	2
<b><u>14.4. Packing group:</u></b>	-
Hazard label:	2.1
Classification code:	5F
Special Provisions:	190 327 344 625

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo®

Revision date: 14.09.2020

Page 10 of 12

Limited quantity: 1 L  
Excepted quantity: E0

#### Marine transport (IMDG)

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
Hazard label: 2.1  
Special Provisions: 63, 190, 277, 327, 344, 381, 959  
Limited quantity: 1000 mL  
Excepted quantity: E0  
EmS: F-D, S-U

#### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, FLAMMABLE  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
Hazard label: 2.1  
Special Provisions: A145 A167 A802  
Limited quantity Passenger: 30 kg G  
Passenger LQ: Y203  
Excepted quantity: E0  
IATA-packing instructions - Passenger: 203  
IATA-max. quantity - Passenger: 75 kg  
IATA-packing instructions - Cargo: 203  
IATA-max. quantity - Cargo: 150 kg

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

No information available.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 29: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics

Information according to 2012/18/EU (SEVESO III): P3b FLAMMABLE AEROSOLS

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo®

Revision date: 14.09.2020

Page 11 of 12

#### National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

#### 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:  
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 2,3,9,14,15.

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer  
(Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
ICAO: International Civil Aviation Organization  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
EC50: Effectice concentration, 50 percent  
DNEL: Derived No Effect Level  
PNEC: Predicted No Effect Concentration  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

#### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Aerosol 2; H223-H229	On basis of test data
Asp. Tox. 1; H304	Calculation method
STOT SE 3; H336	Calculation method

#### Relevant H and EUH statements (number and full text)

H223	Flammable aerosol.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 723(E) Sprasolvo<sup>®</sup>

Revision date: 14.09.2020

Page 12 of 12

#### Further Information

This information is based solely on data provided by suppliers of the materials used, not on the mixture itself.  
No warranty is expressed or implied regarding the suitability of the product for the user's particular purpose.  
The user must make their own determination as to suitability.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*