

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 1 of 20

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

##### 1.1. Product identifier

740 Heavy Duty Rust Guard (Aerosol)

UFI: 8DT6-TA90-Y3N6-97YF

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

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

Coats and protects metal like a paint with minimum surface preparation but is easily removable. Heavy Duty Rust Guard can be used for the protection of metal, tools, fixtures, parts-in-process, equipment, tanks, structures, machinery, tubing, castings, rod, bar and sheet stock. Effective to 80°C (175°F).

###### 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:	D-85737 Ismaning GERMANY	
Telephone:	+49 89 99 65 46 - 0	Telefax: +49 89 99 65 46 - 50
E-mail:	eu-sds@chesterton.com	
Contact person:	eu-sds@chesterton.com	Telephone: +49 89 99 65 46 - 0
E-mail:	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

Aerosol 1; H222-H229  
Asp. Tox. 1; H304  
Skin Irrit. 2; H315  
STOT SE 3; H336  
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

##### 2.2. Label elements

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

###### Hazard components for labelling

Distillates (petroleum), hydro-treated light; Kerosine - unspecified  
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics  
Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 2 of 20

**Signal word:** Danger

**Pictograms:**



#### Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

#### 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.
P264	Wash hands and face thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P235	Store in a well-ventilated place. Keep cool.
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.

#### 2.3. Other hazards

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

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 3 of 20

#### Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
64742-47-8	Distillates (petroleum), hydro-treated light; Kerosine - unspecified			25 - 35 %
	265-149-8	649-422-00-2		
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412			
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics			25 - < 30 %
	919-857-5		01-2119463258-33	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1; H226 H336 H304 EUH066			
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha			20 - < 25 %
	265-151-9	649-328-00-1	01-2119475133-43	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
74-98-6	propane			7 - 13 %
	200-827-9	601-003-00-5	01-2119486944-21	
	Flam. Gas 1; H220			
106-97-8	butane			7 - 13 %
	203-448-7	601-004-00-0		
	Flam. Gas 1; H220			
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified			1 - < 5 %
	265-157-1	649-467-00-8	01-2119484627-25	
	Asp. Tox. 1; H304			
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether			0,1 - 0,5 %
	203-905-0	603-014-00-0	01-2119475108-36	
	Acute Tox. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H331 H302 H315 H319			

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 4 of 20

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
64742-47-8	265-149-8	Distillates (petroleum), hydro-treated light; Kerosine - unspecified	25 - 35 %
		inhalation: LC50 = > 5,28 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	
	919-857-5	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	25 - < 30 %
		inhalation: LC50 = > 4,96 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	
64742-49-0	265-151-9	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha	20 - < 25 %
		inhalation: LC50 = > 4,96 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg	
106-97-8	203-448-7	butane	7 - 13 %
		inhalation: LC50 = 273000 ppm (gases)	
64742-54-7	265-157-1	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	1 - < 5 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	
111-76-2	203-905-0	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	0,1 - 0,5 %
		inhalation: ATE 3 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: ATE 1200 mg/kg	

#### Further Information

No information available.

### 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. Remove contaminated, saturated clothing immediately. In case of skin irritation, consult a physician.

##### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Remove contact lenses, if present and easy to do. Continue rinsing.

##### After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let 1 glass of water be drunken in little sips (dilution effect).

Do NOT induce vomiting.

Immediately call a doctor.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 5 of 20

#### **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**

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

##### **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**

Co-ordinate fire-fighting measures to the fire surroundings.  
In case of fire: Wear self-contained breathing apparatus.

Special protective equipment for firefighters: Protective clothing.

#### **Additional information**

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

### SECTION 6: Accidental release measures

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

##### **General advice**

Provide adequate ventilation.  
Safe handling: see section 7  
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**

##### **For containment**

Absorb with liquid-binding material (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**

Safe handling: see section 7

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 6 of 20

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

Personal protection equipment: see 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.

#### **Advice on general occupational hygiene**

Avoid contact with skin, eyes and clothes. Use protective skin cream before handling the product. Remove contaminated, saturated clothing immediately. When using do not eat, drink, smoke, sniff. Wash hands and face before breaks and after work and take a shower if necessary.

#### **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, drink and animal 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

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 7 of 20

#### Occupational exposure limits

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
111-76-2	2-Butoxyethanol (EGBE)	20	98		TWA (8 h)	
		50	246		STEL (15 min)	
74-98-6	Aliphatic hydrocarbon gases, Alkanes (C1-C3), Propane	-	-		Asphyxiant	
106-97-8	Butane, all isomers - n-butane	1000	-		STEL (15 min)	

#### Biological limit values

CAS No	Substance	Parameter	Value	Test material	Sampling time
111-76-2	2-Butoxyethanol	BAA	200 mg/g	Creatinine	End of shift

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 8 of 20

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64742-47-8	Distillates (petroleum), hydro-treated light; Kerosine - unspecified			
Consumer DNEL, long-term		oral	systemic	18,75 mg/kg bw/day
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics			
Consumer DNEL, long-term		inhalation	systemic	185 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	46 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	46 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	871 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	77 mg/kg bw/day
Worker DNEL, acute		inhalation	systemic	1286,4 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	837,5 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	local	1066,67 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	systemic	1152 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	local	178,57 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	local	640 mg/m <sup>3</sup>
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha			
Worker DNEL, long-term		inhalation	systemic	1,9 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	systemic	1286,4 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	837,5 mg/m <sup>3</sup>
Worker DNEL, acute		inhalation	local	1066,67 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	systemic	0,41 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	systemic	1152 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	local	178,57 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	local	640 mg/m <sup>3</sup>
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified			
Consumer DNEL, long-term		inhalation	local	1,19 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	systemic	2,73 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	5,58 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	0,97 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,74 mg/kg bw/day
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether			



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 9 of 20

Worker DNEL, long-term	inhalation	systemic	98 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	systemic	1091 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	local	246 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	125 mg/kg bw/day
Worker DNEL, acute	dermal	systemic	89 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	59 mg/m <sup>3</sup>
Consumer DNEL, acute	inhalation	systemic	426 mg/m <sup>3</sup>
Consumer DNEL, acute	inhalation	local	147 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	75 mg/kg bw/day
Consumer DNEL, acute	dermal	systemic	89 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	6,3 mg/kg bw/day
Consumer DNEL, acute	oral	systemic	26,7 mg/kg bw/day

#### PNEC values

CAS No	Substance	Value
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified	
	Secondary poisoning	9,33 mg/kg
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	
	Freshwater	8,8 mg/l
	Freshwater (intermittent releases)	26,4 mg/l
	Marine water	0,88 mg/l
	Freshwater sediment	34,6 mg/kg
	Marine sediment	3,46 mg/kg
	Secondary poisoning	20 mg/kg
	Micro-organisms in sewage treatment plants (STP)	463 mg/l
	Soil	2,33 mg/kg

#### 8.2. Exposure controls

##### Appropriate engineering controls

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

##### Individual protection measures, such as personal protective equipment

##### 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),

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 10 of 20

Wearing time with permanent contact: Thickness of the glove material:  $\geq 0,4$  mm, Breakthrough time:  $>480$  min

Wearing time with occasional contact (splashes): Thickness of the glove material:  $\geq 0,1$  mm, Breakthrough time:  $> 30$  min

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.

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

#### 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: AX

#### Thermal hazards

No data available

#### 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:	colourless
Odour:	like: Mineral oil

#### Test method

Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	98 °C
Flammability:	No data available
Lower explosion limits:	1,1 g/m <sup>3</sup>
Upper explosion limits:	9,0 g/m <sup>3</sup>
Flash point:	-8 °C
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH-Value:	No data available
Water solubility:	Immiscible
Solubility in other solvents	
No information available.	
Partition coefficient n-octanol/water:	No data available
Vapour pressure:	No data available
Density (at 20 °C):	0,79 g/cm <sup>3</sup>
Relative vapour density:	$>1$ (air = 1)

### 9.2. Other information

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 11 of 20

#### Information with regard to physical hazard classes

##### Explosive properties

Vapours can form explosive mixtures with air.

##### Sustaining combustion:

No data available

##### Self-ignition temperature

Solid:

No data available

Gas:

No data available

##### Oxidizing properties

No information available.

#### Other safety characteristics

##### Evaporation rate:

<1 (Ether = 1)

##### Sublimation point:

No data available

##### Softening point:

No data available

##### Pour point:

No data available

##### Viscosity / dynamic:

No data available

#### Further 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 product 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).

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

### 10.5. Incompatible materials

- Oxidising agent, strong

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 12 of 20

#### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 50 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-47-8	Distillates (petroleum), hydro-treated light; Kerosine - unspecified				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1992)	EPA OTS 798.1175
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1992)	EPA OTS 798.1100
	inhalation (4 h) vapour	LC50 > 5,28 mg/l	Rat	Study report (1987)	OECD Guideline 403
	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
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1986)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1986)	OECD Guideline 402
	inhalation (4 h) vapour	LC50 > 4,96 mg/l	Rat	Study report (1992)	OECD Guideline 403
106-97-8	butane				
	inhalation (4 h) gas	LC50 273000 ppm	Rat	GESTIS	
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1982)	OECD Guideline 401
	dermal	LD50 > 5000 mg/kg	Rabbit	Study report (1982)	OECD Guideline 402
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether				
	oral	ATE 1200 mg/kg			
	dermal	LD50 > 2000 mg/kg	Rat	Study report (1993)	OECD Guideline 402
	inhalation vapour	ATE 3 mg/l			

#### Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 13 of 20

#### **Sensitising effects**

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

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

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

#### **STOT-single exposure**

May cause drowsiness or dizziness. (Distillates (petroleum), hydro-treated light; Kerosine - unspecified; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics; Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha)

#### **STOT-repeated exposure**

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

#### **Aspiration hazard**

May be fatal if swallowed and enters airways.

#### **11.2. Information on other hazards**

##### **Endocrine disrupting properties**

No data available

### **SECTION 12: Ecological information**

#### **12.1. Toxicity**

Harmful to aquatic life with long lasting effects.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 14 of 20

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64742-47-8	Distillates (petroleum), hydro-treated light; Kerosine - unspecified					
	Acute fish toxicity	LL50 mg/l	2 - 5	96 h	Oncorhynchus mykiss	Study report (1994) OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	8,3 mg/l	72 h	Raphidocelis subcapitata	Study report (1995) OECD Guideline 201
	Acute crustacea toxicity	EL50 mg/l	1,4 mg/l	48 h	Daphnia magna	Study report (1995) OECD Guideline 202
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics					
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Danio rerio	REACH Registration Dossier OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Raphidocelis subcapitata	REACH Registration Dossier OECD Guideline 201
	Acute crustacea toxicity	EL50 mg/l	> 100	48 h	Daphnia magna	REACH Registration Dossier OECD Guideline 202
	Fish toxicity	NOEC mg/l	0,131	28 d	Oncorhynchus mykiss	Company report (2010) The aquatic toxicity was estimated by a
	Crustacea toxicity	NOEC mg/l	> 10,2	21 d	Daphnia magna	REACH Registration Dossier OECD Guideline 211
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha					
	Acute fish toxicity	LL50 mg/l	8,2 mg/l	96 h	Pimephales promelas	Study report (1995) other: EPA 66013-75-009
	Acute algae toxicity	ErC50 mg/l	3,1 mg/l	72 h	Raphidocelis subcapitata	Study report (1995) OECD Guideline 201
	Acute crustacea toxicity	EL50 mg/l	4,5 mg/l	48 h	Daphnia magna	Study report (1995) OECD Guideline 202
	Fish toxicity	NOEC mg/l	2,6 mg/l	21 d	Daphnia magna	Study report (1999) other: OECD Guideline 211
	Crustacea toxicity	NOEC mg/l	2,6 mg/l	21 d	Daphnia magna	Study report (1999) OECD Guideline 211
74-98-6	propane					
	Acute fish toxicity	LC50 mg/l	49,9	96 h	Fish, no other information	United States Environmental Protection A The Ecosar class program has been develo
	Acute algae toxicity	ErC50 mg/l	19,37	96 h	Algae	USEPA OPPT Risk Assessment Division (200 Calculation using ECOSAR Program v1.00.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 15 of 20

	Acute crustacea toxicity	EC50 mg/l	69,43	48 h	Daphnia sp.	USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.
106-97-8	butane						
	Acute fish toxicity	LC50 mg/l	49,9	96 h	Fish, no other information	United States Environmental Protection A	The Ecosar class program has been develo
	Acute algae toxicity	ErC50 mg/l	19,37	96 h		USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.
	Acute crustacea toxicity	EC50 mg/l	69,43	48 h	Daphnia sp.	USEPA OPPT Risk Assessment Division (200	Calculation using ECOSAR Program v1.00.
64742-54-7	Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified						
	Acute fish toxicity	LL50 mg/l	> 100	96 h	Pimephales promelas	Study report (1995)	OECD Guideline 203
	Fish toxicity	NOEC mg/l	>= 1000	14 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	The aquatic toxicity was estimated by a
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether						
	Acute fish toxicity	LC50 mg/l	1474	96 h	Oncorhynchus mykiss	Toxicol Mech Meth 12, 255-63 (2002)	OECD Guideline 203
	Acute algae toxicity	ErC50	911 mg/l	72 h	Raphidocelis subcapitata	Toxicol Mech Meth 12, 255-63 (2002)	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	1550	48 h	Daphnia magna	Toxicol Mech Meth 12, 255-63 (2002)	OECD Guideline 202
	Fish toxicity	NOEC mg/l	> 100	21 d	Danio rerio	Toxicol Mech Meth 12, 255-63 (2002)	OECD Guideline 204
	Crustacea toxicity	NOEC	100 mg/l	21 d	Daphnia magna	Toxicol Mech Meth 12, 255-63 (2002)	OECD Guideline 211

#### 12.2. Persistence and degradability

No information available.

#### 12.3. Bioaccumulative potential

##### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	>= 3,17
74-98-6	propane	1,09
106-97-8	butane	1,09
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	0,81

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 16 of 20

#### BCF

CAS No	Chemical name	BCF	Species	Source
	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclenes, < 2% aromatics	>= 30,85	calculated	REACH Registration D

#### 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. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. 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

Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of. Dispose of waste according to applicable legislation.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b>14.1. UN number or ID number:</b>	UN 1950
<b>14.2. UN proper shipping name:</b>	AEROSOLS
<b>14.3. Transport hazard class(es):</b>	2
<b>14.4. Packing group:</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>14.1. UN number or ID number:</b>	UN 1950
<b>14.2. UN proper shipping name:</b>	AEROSOLS
<b>14.3. Transport hazard class(es):</b>	2
<b>14.4. Packing group:</b>	-
Hazard label:	2.1



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 17 of 20

Classification code: 5F  
 Special Provisions: 190 327 344 625  
 Limited quantity: 1 L  
 Excepted quantity: E0

#### Marine transport (IMDG)

**14.1. UN number or ID 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 or ID 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. Maritime transport in bulk according to IMO instruments

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 3, Entry 28, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: 710 g/l

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 18 of 20

Information according to Directive  
2012/18/EU (SEVESO III):

P3a FLAMMABLE AEROSOLS

#### National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

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:

Distillates (petroleum), hydro-treated light; Kerosine - unspecified

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

Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha

propane

butane

Distillates (petroleum), hydrotreated heavy paraffinic; Baseoil - unspecified

2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether

#### SECTION 16: Other information

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 19 of 20

#### Abbreviations and acronyms

Flam. Gas: Flammable gases  
 Aerosol: Aerosol  
 Flam. Liq: Flammable liquid  
 Acute Tox: Acute toxicity  
 Asp. Tox: Aspiration hazard  
 Skin Irrit: Skin irritation  
 Eye Irrit: Eye irritation  
 STOT SE: Specific target organ toxicity - single exposure  
 Aquatic Chronic: Chronic aquatic hazard  
 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 1; H222-H229	On basis of test data
Asp. Tox. 1; H304	Calculation method
Skin Irrit. 2; H315	Bridging principle "Aerosols"
STOT SE 3; H336	Bridging principle "Aerosols"
Aquatic Chronic 3; H412	Calculation method

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

H220 Extremely flammable gas.  
 H222 Extremely flammable aerosol.  
 H225 Highly flammable liquid and vapour.  
 H226 Flammable liquid and vapour.  
 H229 Pressurised container: May burst if heated.  
 H302 Harmful if swallowed.  
 H304 May be fatal if swallowed and enters airways.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 740 Heavy Duty Rust Guard (Aerosol)

Revision date: 25.06.2024

Page 20 of 20

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

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