



# BD-50 Multi Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830  
Issue date: 2/5/2018 Revision date: 2/25/2021 Supersedes version of: 2/5/2018 Version: 1.1

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

#### 1.1. Product identifier

Product form : Mixture  
Name : BD-50 Multi Spray  
UFI : M653-Q6KH-100A-Y2HP  
Product code : 683  
Article number : 68300

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only  
Function or use category : Lubricants, Greases and Release Products

##### 1.2.2. Uses advised against

No additional information available

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

BARDAHL NL - OCD NEDERLAND BV  
Maxwellstraat 41  
3316 GP Dordrecht  
Nederland  
T 0031 78 651 2322 - F 0031 78 617 4848  
[mjkooijman@bardahl.nl](mailto:mjkooijman@bardahl.nl) - [www.bardahl.nl](http://www.bardahl.nl)

#### 1.4. Emergency telephone number

Emergency number : +31 (0) 6 54924171  
During office hours: 8.30 t/m 17:00 h

Country	Official advisory body	Address	Emergency number	Comment
	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096 Haifa	+972 4 854 1900	
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	

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### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1	H222;H229
Reproductive toxicity, Additional category, Effects on or via lactation	H362
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

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

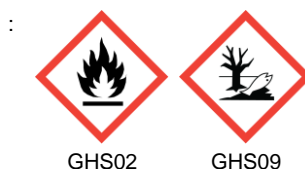
##### Adverse physicochemical, human health and environmental effects

The product has to be labeled due to the calculation procedure of the General Classification guideline for preparations of the EU", DIR.". Repeated or prolonged skin contact may cause dermatitis and defatting. Harmful : may cause lung damage if swallowed.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Contains

: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics <2% aromatics, alkanes, C14-17, chloro; chlorinated paraffins, C14-17, Distillates (petroleum), hydrotreated light naphthenic, 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve

Hazard statements (CLP)

: H222 - Extremely flammable aerosol.  
H229 - Pressurised container: May burst if heated.  
H362 - May cause harm to breast-fed children.  
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P201 - Obtain special instructions before use.  
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 - Pressurized container: Do not pierce or burn, even after use.  
P260 - Do not breathe spray, dust.  
P263 - Avoid contact during pregnancy/while nursing.  
P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P308+P313 - IF exposed or concerned: Get medical advice/attention.  
P391 - Collect spillage.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations to a facility for the collection of hazardous or special waste.

Extra phrases

: Without adequate ventilation formation of explosive mixtures may be possible.

#### 2.3. Other hazards

Contains PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Comments : aliphatic hydrocarbons  $\geq$  30%  
aromatic hydrocarbons <5%  
< 5%:  
perfumes (pin-2- (3) -ene, nopinene)

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics <2% aromatics	EC-No.: 918-481-9 REACH-no: 01-2119457273-39	25 – 50	Asp. Tox. 1, H304
propane (Note U)	CAS-No.: 74-98-6 EC-No.: 200-827-9 REACH-no: 01-2119486944-21	10 – 20	Flam. Gas 1A, H220 Press. Gas
Distillates (petroleum), hydrotreated light naphthenic	CAS-No.: 64742-53-6 EC-No.: 265-156-6 EC Index-No.: 649-466-00-2 REACH-no: 01-2119480375-34	10 – 20	Asp. Tox. 1, H304
butane (Note C)	CAS-No.: 106-97-8 EC-No.: 203-448-7 EC Index-No.: 601-004-00-0 REACH-no: 01-2119474691-32	10 – 20	Flam. Gas 1A, H220 Press. Gas
isobutane (Note C)	CAS-No.: 75-28-5 EC-No.: 200-857-2 EC Index-No.: 601-004-00-0 REACH-no: 01-2119485395-27	5 – 10	Flam. Gas 1A, H220 Press. Gas
alkanes, C14-17, chloro; chlorinated paraffins, C14-17 substance listed as REACH Candidate (Medium-chain chlorinated paraffins (MCCP) (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17))	CAS-No.: 85535-85-9 EC-No.: 287-477-0 REACH-no: 01-2119519269-33	2.5 – 5	Lact., H362 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve	CAS-No.: 111-76-2 EC-No.: 203-905-0 EC Index-No.: 603-014-00-0 REACH-no: 01-2119475108-36	1 – 2.5	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319

Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note U (Table 3): When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case.

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

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin thoroughly with mild soap and water. Take off immediately all contaminated clothing and wash it before reuse.
First-aid measures after eye contact	: Ensure adequate flushing of eyes by separating eyelids with the fingers. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Get immediate medical advice/attention.

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

No additional information available

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Powder. Carbon dioxide.

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

Fire hazard	: High temperature may liberate toxic gases.
Explosion hazard	: May form flammable/explosive vapour-air mixture.

#### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Self-contained breathing apparatus.

### SECTION 6: Accidental release measures

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

General measures : Wear suitable respiratory equipment.

##### 6.1.1. For non-emergency personnel

Emergency procedures : Keep public away from danger area.

##### 6.1.2. For emergency responders

Protective equipment : Wear proper protective equipment.  
Emergency procedures : Ventilate area. Keep away from sources of ignition.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

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

Methods for cleaning up : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel). Ventilate area.

#### 6.4. Reference to other sections

For disposal of solid materials or residues refer to section 13 : "Disposal considerations". For further information refer to section 8: "Exposure controls/personal protection". (See section 7: Handling and Storage).

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed : Keep away from sources of ignition - No smoking.  
Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Container under pressure. Do not drill or burn even after use. Do not expose to temperatures exceeding 50 °C/ 122 °F.

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

Storage conditions : Government regulations on storing packagings with pressurized containers must be observed.  
Incompatible materials : heat. Direct sunlight.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics <2% aromatics	
France - Occupational Exposure Limits	
VME (OEL TWA)	1200 mg/m <sup>3</sup>
VME (OEL TWA) [ppm]	184 ppm
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	5
TGG-15min (OEL STEL)	10 mg/m <sup>3</sup>
propane (74-98-6)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA [ppm]	1000 ppm
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	1800 mg/m <sup>3</sup>
TGG-8u (OEL TWA) [ppm]	1000 ppm
	Suffocating.
butane (106-97-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
IOEL TWA	1000
IOEL TWA [ppm]	1000 ppm
France - Occupational Exposure Limits	
VME (OEL TWA)	1900
VME (OEL TWA) [ppm]	800 ppm
2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)	
Netherlands - Occupational Exposure Limits	
TGG-8u (OEL TWA)	100 mg/m <sup>3</sup>

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2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)	
TGG-8u (OEL TWA) [ppm]	20 ppm
TGG-15min (OEL STEL)	246 mg/m <sup>3</sup>
TGG-15min (OEL STEL) [ppm]	50 ppm

### 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

### 8.1.4. DNEL and PNEC

No additional information available

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No additional information available

### 8.2.2. Personal protection equipment

**Personal protective equipment:**

Protective goggles. Gloves.

**Personal protective equipment symbol(s):**



#### 8.2.2.1. Eye and face protection

Eye protection			
Type	Field of application	Characteristics	Standard
tightly fitting safety goggles			EN 166

#### 8.2.2.2. Skin protection

Skin and body protection	
Type	Standard
Wear suitable protective clothing	EN 13034

**Hand protection:**

Wear suitable gloves resistant to chemical penetration. Refer to manufacturer's information.

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Safety gloves	Nitrile rubber (NBR)	5 (> 240 minutes)	> 0.7		EN ISO 374

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**

In case of inadequate ventilation wear respiratory protection.

#### 8.2.2.4. Thermal hazards

No additional information available

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### 8.2.3. Environmental exposure controls

#### Other information:

Keep away from food, drink and animal feedingstuffs. Remove contaminated clothing immediately. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with skin and eyes.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Aerosol.
Colour	: Yellow.
Odour	: Pleasant.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: > 200 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.696 g/cm <sup>3</sup> (20°C)
Solubility	: Material nearly insoluble in water. Organic solvent:82.8%
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive. Explosive vapour/air mixtures may be formed.
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

VOC content : 576.2 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

No additional information available

### 10.5. Incompatible materials

No additional information available

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### 10.6. Hazardous decomposition products

Aldehyde.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics <2% aromatics

LD50 oral rat	5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 Inhalation - Rat	> 4900 mg/m <sup>3</sup>

#### propane (74-98-6)

LC50 Inhalation - Rat	20 mg/l/4h
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#### Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 5.53 mg/l/4h (EMBSI 1988a)

#### alkanes, C14-17, chloro; chlorinated paraffins, C14-17 (85535-85-9)

LD50 oral rat	> 2 mg/kg
LD50 dermal rat	> 2 mg/kg
LC50 Inhalation - Rat	3.3 mg/kg

#### 2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)

LD50 oral rat	1480 mg/kg
LD50 dermal rabbit	400 mg/kg

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Not classified  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
Reproductive toxicity : May cause harm to breast-fed children.  
STOT-single exposure : Not classified  
STOT-repeated exposure : Not classified  
Aspiration hazard : May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

#### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics <2% aromatics

LC50 - Fish [1]	2 mg/l (4 days)
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<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics &lt;2% aromatics</b>	
EC50 - Crustacea [1]	3 mg/l (aquatic invertebrates)
EC50 72h - Algae [1]	1.1 mg/l
<b>Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)</b>	
LC50 - Fish [1]	> 100 mg/l LL50
LC50 - Other aquatic organisms [1]	> 10000 LL50
<b>alkanes, C14-17, chloro; chlorinated paraffins, C14-17 (85535-85-9)</b>	
LC50 - Fish [1]	> 5000 mg/l (96h)
EC50 - Crustacea [1]	0.006 mg/l (48h)
EC50 - Other aquatic organisms [1]	> 3.2 mg/l (96h) (Algae)
<b>2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)</b>	
LC50 - Fish [1]	1490 mg/l
EC50 - Crustacea [1]	1815 mg/l
EC50 72h - Algae [1]	1490 mg/l
EC50 72h - Algae [2]	911 mg/l
<b>12.2. Persistence and degradability</b>	
<b>Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics &lt;2% aromatics</b>	
Biodegradation	80 % (28 days)
<b>propane (74-98-6)</b>	
Persistence and degradability	Readily biodegradable.
<b>2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)</b>	
Biodegradation	96 %
<b>12.3. Bioaccumulative potential</b>	
<b>2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.83
Bioaccumulative potential	Low.
<b>12.4. Mobility in soil</b>	
<b>BD-50 Multi Spray</b>	
Ecology - soil	Prevent entry to sewers and public waters. Toxic to fish. In surface also poisonous for fish and plankton. Toxic to aquatic organisms.
<b>propane (74-98-6)</b>	
Ecology - soil	If released into the environment, the product will rapidly disperse into the atmosphere where it will undergo photochemical degradation.
<b>2-butoxyethanol; ethyleneglycol monobutyl ether; butyl cellosolve (111-76-2)</b>	
Surface tension	2.729 N/m
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	8

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### 12.5. Results of PBT and vPvB assessment

#### Component

alkanes, C14-17, chloro; chlorinated paraffins, C14-17 (85535-85-9)	This substance meets the PBT criteria of REACH regulation, annex XIII This substance meets the vPvB criteria of REACH regulation, annex XIII
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### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Prevent entry to sewers and public waters. Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW) code : 15 01 04 - metallic packaging  
16 05 04\* - gases in pressure containers (including halons) containing dangerous substances

## SECTION 14: Transport information

In accordance with / / / ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
UN 1950	UN 1950	UN 1950	UN 1950	Not applicable
<b>14.2. UN proper shipping name</b>				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	Not applicable
<b>Transport document description</b>				
UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1, ENVIRONMENTALLY HAZARDOUS	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS	Not applicable
<b>14.3. Transport hazard class(es)</b>				
2.1	2.1	2.1	2.1	Not applicable
				Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: No	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Not applicable
No supplementary information available				

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : 5F

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Special provisions (ADR)	: 190, 327, 344, 625
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P207, LP02
Special packing provisions (ADR)	: PP87, RR6, L2
Mixed packing provisions (ADR)	: MP9
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V14
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV9, CV12
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: D

### Transport by sea

Special provisions (IMDG)	: 63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	: SP277
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P207, LP02
Special packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage category (IMDG)	: None

### Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167
ERG code (IATA)	: 10L

### Inland waterway transport

Classification code (ADN)	: 5F
Special provisions (ADN)	: 19, 327, 344, 625
Limited quantities (ADN)	: 1 L
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01, VE04
Number of blue cones/lights (ADN)	: 1

### Rail transport

Not applicable

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

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Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content : 576.2 g/l

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

### 15.1.2. National regulations

France	
Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

### Germany

Water hazard class (WGK) : WGK 1, Slightly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

### Netherlands

ABM category : Z(1) - non biodegradable substances with hazardous properties for humans and the environment (carcinogenicity/ mutagenicity/ reprotoxicity/bioaccumulative potential/ toxicity or persistence)

SZW-lijst van kankerverwekkende stoffen : alkanes, C14-17, chloro; chlorinated paraffins, C14-17, Distillates (petroleum), hydrotreated light naphthenic are listed

SZW-lijst van mutagene stoffen : alkanes, C14-17, chloro; chlorinated paraffins, C14-17, Distillates (petroleum), hydrotreated light naphthenic are listed

SZW-lijst van reprotoxische stoffen – Borstvoeding : alkanes, C14-17, chloro; chlorinated paraffins, C14-17 is listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

### Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

### Switzerland

Storage class (LK) : LK 2 - Liquefied or pressurized gases

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Issue date	Modified	
	Revision date	Modified	
	Comments (on top of composition)	Added	
	Supersedes	Removed	
	STOT-repeated exposure - comment	Added	
	STOT-single exposure - comment	Added	

# BD-50 Multi Spray

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Indication of changes			
Section	Changed item	Change	Comments
	Germ cell mutagenicity - comment	Added	
	Reproductive toxicity - comment	Removed	
	Carcinogenicity - comment	Modified	
	Respiratory or skin sensitisation - comment	Modified	
	Serious eye damage/irritation - comment	Modified	
	Skin corrosion/irritation - comment	Modified	
	Acute toxicity - comment	Removed	
1.1	Name	Modified	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Precautionary statements (CLP)	Modified	
2.2	Hazard pictograms (CLP)	Modified	
2.2	Hazard statements (CLP)	Modified	
2.2	EUH-statements	Added	
3	Composition/information on ingredients	Modified	
6.1	General measures	Added	
6.4	Reference to other sections (8, 13)	Modified	
7.1	Additional hazards when processed	Modified	
7.1	Precautions for safe handling	Modified	
7.2	Storage conditions	Modified	
8.2	Respiratory protection	Modified	
8.2	Other information	Modified	
8.2	Hand protection	Modified	
9.1	Solubility	Modified	
9.1	Solubility in organic solvents	Modified	
9.1	Density	Modified	
9.2	VOC content	Modified	
10.6	Hazardous decomposition products	Modified	
12.4	Ecology - soil	Modified	
15.1	Water hazard class:	Modified	
15.1	Saneringsinspanningen	Removed	
15.1	VOC content	Modified	
15.2	Chemical safety assessment	Modified	

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

# BD-50 Multi Spray

## Safety Data Sheet

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Full text of H- and EUH-statements:	
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1A	Flammable gases, Category 1A
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H362	May cause harm to breast-fed children.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
Lact.	Reproductive toxicity, Additional category, Effects on or via lactation
Press. Gas	Gases under pressure
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.