

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

<b>NAME OF THE PRODUCT</b>	Textured spray plastic grey, 400ml
<b>CODE</b>	110071
<b>DISTRIBUTOR</b>	BOSSAUTO INNOVA, S.A.
<b>ADDRESS</b>	c/ Thomas Edison 16, Apartado de correos 95
<b>CITY</b>	08430 La Roca del Vallés (Barcelona)
<b>TEL</b>	902 100 667
<b>FAX</b>	902 363 047
<b>E-MAIL</b>	<a href="mailto:info@bossauto.com">info@bossauto.com</a>
<b>WEB</b>	<a href="http://www.bossauto.com">www.bossauto.com</a>

### 2. HAZARDS IDENTIFICATION

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

##### A. Regulation nº1272/2008 (CLP)

The mixture is not classified as dangerous according to CLP Regulation.



GHS02 Flame

Flam. Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurized container. May explode if heated.



GHS08 Health hazard

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox.1 H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2

H315 Causes skin irritation.

Eye Irrit. 2

H319 Causes serious eye irritation.

Aquatic Chr. 3

H412 Harmful to aquatic life with long lasting effects.

## 2.2. Label elements

### A. CLP Regulation (EC) n°1272/2008

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms:**



GHS02    GHS07    GHS08

- **Signal Word:**

Danger

- **Dangerous compounds to be indicated in the label**

Xylene (mix).

- **Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurized container: May burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H373 May cause damage to organs through prolonged or repeated exposure

H304 May be fatal if swallowed and enters airways.

H412 Harmful to aquatic life with long lasting effects.

- **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

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

P251 Pressurized container: Do not pierce or burn, even after use.

P260 Do not breathe the aerosol.

P211 Do not spray on an open flame or other ignition source.

P280 Wear protective gloves/eye protection.

P271 Use only outdoors or in a well-ventilated area.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P302+P352 IF ON SKIN: Wash with plenty of water.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P403 Store in a well-ventilated place.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3. Other hazards

PBT and vPvB test results

- PBT: Not applicable.

- vPvB: Not applicable.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixture

Description: Mixture of active agents with propulsive

Dangerous ingredients:		
CAS: 115-10-6 EINECS: 204-065-8 Reg.nr.: 01-2119472128-37	Dimethyl ether Flam. Gas 1, H220; Press. Gas, H280.	25-<50%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32	Xylene (mix) Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335.	10-<25%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49	Propanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336.	2,5-<10%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43	Butanone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	2,5-<10%
Número CE: 920-750-0 Reg.nr.: 01-2119473851-33	Hidrocarburos, C7-C9, n-alkanes, isoalkanes, cyclics Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	2,5-<10%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226; STOT SE 3, H336	2,5-<10%
CAS: 61789-72-8	Benzylalkyl quaternair ammoniumchloride Flam. Liq. 3, H226; Eye Dam. 1, H318; Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315	0,1-<1,0%
CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35	1-metoxi-2-propanol Flam. Liq. 3, H226; STOT SE 3, H336	0,1-<1,0%

Additional indications: -

### 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

##### A. By inhalation

Supply fresh air; consult doctor in case of complaints.

##### B. By skin contact

Generally the product does not irritate the skin.

##### C. By eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

#### **D. By ingestion**

Do not induce vomiting; call for medical help immediately.

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

No further relevant information available.

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

No further relevant information available.

### **5. FIREFIGHTING MEASURES**

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#### **5.1. Extinguishing media**

##### **A. Suitable extinguishing substances**

Water haze, fire-fighting powder, carbon dioxide and alcohol resistant foam.

##### **B. Unsuitable extinguishing measures**

Water with full jet.

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

No further relevant information available.

#### **5.3. Advice for firefighters**

Special protective equipment: use respiratory protection.

### **6. ACCIDENTAL RELEASE MEASURES**

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

Wear the protective equipment. Keep unprotected persons away.

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

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.

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

Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

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

See section 7 for more information concerning safety handling. See section 8 for more information concerning personal protective equipment. See section 13 for more information concerning product disposal.

### **7. HANDLING AND STORAGE**

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

Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care.

##### **A. Fire and explosions prevention**

Do not spray onto a naked flame or any incandescent material. Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

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

### A. Requirements concerning to containers and storage room

Store in a cool location. Observe official regulations on storing packagings with pressurized containers.

### B. Norms in case of common storage

Observe official regulations on storing packagings with pressurized containers.

### C. Additional indications concerning storage conditions

Keep container tightly closed. Do not seal receptacle gas. Storage in well closed containers in a cool and dry place. Protect from heat and direct sun light.

## 7.3. Specific end use(s)

No information available at present.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: no additional data, see section 7.

### 8.1. Control parameters

Components with permissible limit values that require monitoring at the workplace	
115-10-6 Dimethylether	
LEP	Long-term value: 1920 mg/m <sup>3</sup> , 1000 ppm VLI
1330-20-7 Xylene (mix)	
LEP	Short-term value: 442 mg/m <sup>3</sup> , 100 ppm Long-term value: 221 mg/m <sup>3</sup> , 50 ppm Dermal, VLB, VLI
67-64-1 Propanone	
LEP	Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm VLB, VLI
78-93-3 Butanone	
LEP	Short-term value: 900 mg/m <sup>3</sup> , 300 ppm Long-term value: 600 mg/m <sup>3</sup> , 200 ppm VLB, VLI
123-86-4 Butyl acetate	
LEP	Short-term value: 965 mg/m <sup>3</sup> , 200 ppm Long-term value: 724 mg/m <sup>3</sup> , 150 ppm
107-98-2 1-metoxi-2-propanol	
LEP	Short-term value: 568 mg/m <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm Dermal, VLI

### A. DNEL

67-64-1 Propanone		
Oral	DNEL long-term systemic	62 mg/kg bw/day (Consumer)
Dermal	DNEL long-term systemic	62 mg/kg bw/day (Consumer)
		186 mg/kg bw/day (Worker)
Inhaled	DNEL Local acute	2420 mg/m <sup>3</sup> (Worker)
	DNEL long-term systemic	200 mg/m <sup>3</sup> (Consumer)
		1210 mg/m <sup>3</sup> (Worker)

78-93-3 Butanone		
Oral	DNEL long-term systemic	31 mg/kg bw/day (Consumer)
Dermal	DNEL long-term systemic	412 mg/kg bw/day (Consumer)
Inhaled	DNEL long-term systemic	1161 mg/kg bw/day (Worker)
		106 mg/m <sup>3</sup> (Consumer)
		600 mg/m <sup>3</sup> (Worker)
64742-49-0 Naphtha solvent (petroleum), light aromatic		
Oral	DNEL long-term systemic	699 mg/kg bw/day (Consumer)
Dermal	DNEL long-term systemic	699 mg/kg bw/day (Consumer)
Inhaled	DNEL long-term systemic	773 mg/kg bw/day (Worker)
		608 mg/m <sup>3</sup> (Consumer)
		2035 mg/m <sup>3</sup> (Worker)

### B. PNEC

67-64-1 Propanone	
PNEC Freshwater sediment	30,4 mg/kg (Undefined)
PNEC Seawater	1,06 mg/l (Undefined)
PNEC Sediment seawater	3,04 (Undefined)
PNEC Soil	29,5 mg/kg (Undefined)

### C. Components with biological limit values

1330-20-7 Xylene (mix)	
VLB	1 g/g creatinine Sample: urine Sample moment: end of the workday Biological indicator: methylhippuric acids
67-64-1 Propanone	
VLB	50 mg/l Sample: urine Sample moment: end of the workday Biological indicator: acetone
78-93-3 Butanone	
VLB	2 mg/l Sample: urine Sample moment: end of the workday Biological indicator: methylacetone

### D. Additional exposure limits in case of existing risks during the process

100-41-4 ethylbenzene	
LEP	Short term value: 884 mg/m <sup>3</sup> , 200 ppm Long term value: 441 mg/m <sup>3</sup> , 100 ppm Dermal, VLB, VLI
108-88-3 toluene	
LEP	Short term value: 384 mg/m <sup>3</sup> , 100 ppm Long term value: 192 mg/m <sup>3</sup> , 50 ppm Dermal, VLB, VLI, r

Additional indications: In use lists have been used as basis in the time of the elaboration.

## 8.2. Exposure controls

### A. Individual protective equipment

- **General protective and hygienic methods:**

wash hands before breaks and when at the end of the workday. Do not breathe gas/vapours/aerosols.

- **Respiratory protection:**

If exposure has to be short or of low intensity, wear a respiratory mask. For more intensity or longer exposure, use an autonomous breathing apparatus. Filter AX/P2. If ventilation is insufficient, use respiratory protection. Filter A/P2.

- **Hand protection:**



Protective gloves

Solvent resistant gloves.

Use protection gloves against chemical products according to normative EN374. Select glove material according to rupture times, permeability degree and degradation.

- Glove material: nitrile rubber.

The choice of the appropriate gloves does not only depend on the material but also on other quality features that can vary from one manufacturer to another. Taking into account that the product is made from different materials, its quality cannot be evaluated beforehand so the gloves should be controlled before using them. Recommended material thickness:  $\geq 0,5\text{mm}$ .

- Penetration time of glove material: For continuous contact we recommend gloves with 240 minutes of lead time with preference to time change over 480 minutes. For short term or splashing protector we do recommend the same. We are aware that the appropriate gloves may not be available. In this case, a lower level of lead time are accepted with the appropriate maintenance procedures. The thickness of the gloves is not a good measure of the resistance of the gloves against chemical substances due to this depends on the exact composition of the gloves material. The exact resistance penetration time should be asked to the manufacturer of the gloves. This time should be respected.

- **Eyes protection:**

Protection (EN-166)



Tightly protective goggles

- **Body protection:**

Wear protective clothes. (EN-13034/6)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Form	Aerosol
Colour	Depending on the product
Odour	Characteristic

Odour threshold	Not determined
pH value	Not determined
Melting point/ melting range	Undetermined
Boiling point/boiling range	-24°C
Flash point	-42°C
Flammability (solid,gas)	Not applicable
Ignition temperature	>200°C
Decomposition temperature	Not determined
Auto-flammability	This product is not auto-flammable.
Explosion risk	This product is not explosive; however, may form explosive mixtures in vapour/air.
Explosion limits	
Lower	0,7 vol%
Higher	18,6 vol%
Vapour pressure at 20°C	5200 hPa
Density at 20°C	0,843 g/cm <sup>3</sup>
Relative density	Not determined
Vapour density	Not determined
Evaporation rate	Not applicable
Solubility/miscibility in water	Little or non-miscible
Partition coefficient (n-octanol/water)	Not determined
Viscosity	
Dynamic	Not determined
Kinematic	Not determined
Organic solvents	74,0%
Solids content	26,0%

## 9.2. Additional information

No further information available.

## 10. STABILITY AND REACTIVITY

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### 10.1. Reactivity

No further information available.

### 10.2. Chemical stability

Thermal decomposition/conditions to avoid: it does not decompose when it is used appropriately.

### 10.3. Possibility of hazardous reactions

No hazardous reactions are known.

### 10.4. Conditions to avoid

No further information available.

### 10.5. Incompatible materials

No further information available.

### 10.6. Hazardous decomposition products

No hazardous decomposition products are known.



## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information concerning toxicological effects

Acute toxicity: Due to the available data, the criteria of classification is not reached.

LD/LC50 values (lethal dose/lethal dose = 50%) relevant for classification:		
1330-20-7 Xylene (mix)		
Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rbt)
67-64-1 Propanone		
Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	7800 mg/kg (rbt)
Inhaled	LC50/4h	>20 mg/l (rat)
78-93-3 Butanone		
Oral	LD50	>2193 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit) 5000 mg/kg (rbt)
64742-49-0 Naphtha solvent (petroleum), light aromatic		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2800 mg/kg (rabbit)
Inhaled	LC50/4h	>23 mg/l (rat)

#### A. Primary irritant effect

On skin: it produces irritation.

In eyes: it produces severe irritation.

Sensitization: no sensitizing effects are known.

#### B. CMR Effects (Carcinogenity, mutagenicity and toxicity for the reproduction)

- **Mutagenicity in germinal cells.**

Due to the available data, the criteria of classification is not reached.

- **Toxicity for reproduction**

Due to the available data, the criteria of classification is not reached.

- **Specific toxicity in specific organs (STOT) – unique exposition**

Due to the available data, the criteria of classification is not reached.

- **Specific toxicity in specific organs (STOT) – repeated exposition**

Can damage the organs after repeated expositions.

- **Danger of aspiration**

Can be fatal in case of ingestion or penetration to the respiratory ways.

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Aquatic toxicity

1330-20-7 Xylene (mix)	
EC50/48h	3,2-9,5 mg/l (Dm)
LC50/96h	8,9-16,4 mg/l (Pimephales promelas)
67-64-1 Propanone	
EC50	8800 mg/l (Dm)

	8300 (96h) mg/l (Fish)
78-93-3 Butanone	
EC50/48h	308 mg/l (Dm)
LC50/96h	2993 mg/l (Pimephales promelas)
64742-49-0 Naphtha solvent (petroleum), light aromatic	
EC50/48h	3 mg/l (Dm)
EL50 (72h)	10-30 mg/l (Pseudokirchneriella subcapitata)
LL50 (96h)	>13,4 mg/l (Oncorhynchus mykiss (96h))
LOEC (21 days)	0,32 mg/l (Dm)
NOEC (21 days)	0,17 mg/l (Dm)
NOELR (72h)	10 mg/l (Pseudokirchneriella subcapitata)

## 12.2. Persistence and degradability

No further information available.

## 12.3. Bioaccumulation potential

No further information available.

## 12.4. Mobility in soil

No further information available.

### A. Ecotoxic effects

Note: harmful for fishes.

### B. Additional environmental indications

General indications:

Risk level for water 2 (self-classification): dangerous for water. Do not allow to penetrate into groundwater, courses of water or sewers. A minimum quantity leaked in subsoil represents a hazard for drinking water. Harmful for aquatic organisms.

## 12.5. PBT and vPvB test results

- PBT: Not applicable.
- vPvB: Not applicable.

## 12.6. Other adverse effects

No further information available.

## 13. DISPOSAL CONSIDERATIONS

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### 13.1. Waste treatment methods

Recommendation: Must not be disposed of with household waste. Must not reach sewage system.

### 13.2. Uncleansed packages/containers

Recommendations: dispose of according to official directions.

## 14. TRANSPORT INFORMATION

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### 14.1. UN Number

ADR/IMDG/IATA: UN1950

### 14.2. UN proper shipping name

ADR: UN1950 AEROSOLS

IMDG: AEROSOLS  
 IATA: AEROSOLS, flammable

**14.3. Hazard class for transport**

**A. ADR**



Class 2 5F Gases  
 Label 2.1

**B. AND**

·Class AND/R 2 5F

**C. IMDG, IATA**



Class 2.1  
 Label 2.1

**14.4. Packaging group**

ADR/IMDG/IATA deleted

**14.5. Environmental hazards**

Marine pollutant: No

**14.6. Particular precautions for users**

Attention	Gases
Kemler number	-
EMS number	F-D, S-U
Stowage code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
Segregation code	SG69 For AEROSOLS with a maximum capacity of 1litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2

**14.7. Bulk transport according to annex II of Marpol 73/78 and IBC Code**

Not applicable.

### A. Additional transports/data

ADR	Limited quantities (LQ):	1L
	Excepted quantities (EQ):	Code: E0 Not permitted as excepted quantity
	Code:	D
IMDG	Limited quantities (LQ):	1L
	Excepted quantities (EQ):	Code: E0 Not permitted as excepted quantity

Regulations UNECE model: UN1950, AEROSOLS, 2.1

## 15. REGULATORY INFORMATION

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

#### A. Directive 2012/18/UE

Dangerous named substances – ANEXE I  
 Any of the components is included in the list.

#### B. SEVESO Category

P3a FLAMMABLE AEROSOLS

- **Bound quantity (tones) concerning lower level requirements**

150 t

- **Bound quantity (tones) concerning upper level requirements**

500t

#### B. National regulation

- **Hazard class for water:**

Class	content in %
NK	50-<75

- **VOC-CH**

73,96 %

- **VOC-EU**

623,5 g/l

- **Danish MAL code**

5-3

### 15.2. Chemical safety evaluation

A chemical safety assessment has not been carried out.

## 16. OTHER INFORMATION

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

#### A. Relevant phrases

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.  
H280 Contains gas under pressure; may explode if heated.  
H302 Harmful if swallowed.  
H304 May be mortal in case of ingestion and penetration through respiratory ways.  
H312 Harmful in contact with skin.  
H315 Provoca irritación cutánea.  
H318 Causes serious eye damages.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H400 Very toxic for aquatic organisms.  
H411 Toxic for aquatic organisms, with long-lasting harmful effects.

## B. Abbreviations and acronyms

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
ICAO: International Civil Aviation Organization  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
Flam. Gas 1: Flammable gases, Hazard Category 1  
Flam. Aerosol 1: Flammable aerosols, Hazard Category 1  
Press. Gas: Gases under pressure: Compressed gas  
Flam. Liq. 2: Flammable liquids, Hazard Category 2  
Flam. Liq. 3: Flammable liquids, Hazard Category 3  
Acute Tox. 4: Acute toxicity, Hazard Category 4  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1  
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2  
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3  
Asp. Tox. 1: Aspiration hazard, Hazard Category 1  
Aquatic Acute 1: Hazardous to the aquatic environment - Acute Hazard, Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3