



# Contact Spray Aerosol

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 12-11-2019 Revision date: 20-10-2021 Supersedes: 11-6-2021 version: 53.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Contact Spray Aerosol  
UFI : CG7N-RK24-V31E-EP29  
Product code : A300  
Type of product : Aerosol.  
Vaporizer : Aerosol.  
Product group : Mixture

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

##### 1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use, Consumer use  
Industrial/Professional use spec : Non-dispersive use  
Use of the substance/mixture : Automotive care products

##### 1.2.2. Uses advised against

No additional information available

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

MPM International Oil Company  
Cyclotronweg 1  
2629 HN Delft Delft - Nederland  
T +31 (0)15 2514030  
[support@mpmoil.nl](mailto:support@mpmoil.nl) - [www.mpmoil.com](http://www.mpmoil.com)

#### 1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00 GMT+1)

Country	Official advisory body	Address	Emergency number	Comment
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)	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

### 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

Full text of H-statements: see section 16

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

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

CLP Signal word

: Danger.

Hazardous ingredients

: Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics.; Distillates (petroleum), hydrotreated light naphthenic

Hazard statements (CLP)

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

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Precautionary statements (CLP)	: 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, 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. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C. P501 - Dispose of Contents and container to a hazardous or special waste collection point.
EUH-statements	: EUH066 - Repeated exposure may cause skin dryness or cracking.
Extra phrases	: Formation of an explosive mixture is possible without adequate ventilation.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics.	(CAS-No.) 1174522-09-8 (EC-No.) 918-481-9 (REACH-no) 01-2119457273-39	≥ 25 – ≤ 50	Asp. Tox. 1, H304
propane	(CAS-No.) 74-98-6 (EC-No.) 200-827-9 (EC Index-No.) 601-003-00-5 (REACH-no) 01-2119486944-21	≥ 10 – ≤ 20	Flam. Gas 1A, H220 Press. Gas (Comp.), H280
butane	(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 (Comp.), H280
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
isobutane	(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 (Comp.), H280
2-butoxyethanol	(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

Comments : Aliphatic hydrocarbons > 30%

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

After inhalation	: Take victim to fresh air, in a quiet place and if necessary take medical advice.
After skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
After eye contact	: If eye irritation persists: Get medical advice/attention.
After ingestion	: Do NOT induce vomiting. Call a physician immediately.

### 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. Carbon dioxide. Dry powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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

- Fire hazard : May form flammable/explosive vapour-air mixture.  
Explosion hazard : Heat from a fire could result in drum bursting. May form an explosive mixture in the presence of air.

### 5.3. Advice for firefighters

- Protection during firefighting : Self-contained breathing apparatus with an air line.  
Other information : Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

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

- General measures : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep public away.

#### 6.1.1. For non-emergency personnel

- Protective equipment : Wear respiratory protection. Safety glasses. Wear suitable protective clothing and gloves.  
Emergency procedures : Provide adequate ventilation.

#### 6.1.2. For emergency responders

- Protective equipment : Wear respiratory protection. Wear suitable protective clothing and eye/face protection.

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.  
Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean with the help of detergents.  
Other information : Provide adequate ventilation.

### 6.4. Reference to other sections

Information on disposal - see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Use only outdoors or in a well-ventilated area. Keep away from heat and direct sunlight. Avoid all eye and skin contact and do not breathe vapour and mist.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Technical measures : Store in a closed container. Ensure adequate ventilation, especially in confined areas.  
Storage conditions : Protect from heat and direct sunlight.  
Information on mixed storage : Observe official regulations on storing packagings with pressurized containers.  
Storage area : Store in a closed container. Keep in a cool, well-ventilated place. Store according to local legislation.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

butane (106-97-8)		
EU	IOELV TWA (mg/m <sup>3</sup> )	1430 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	600 ppm
Germany	Notes	

### 2-butoxyethanol (111-76-2)

EU	IOELV TWA (mg/m <sup>3</sup> )	98 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	246 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	50 ppm
Germany	Notes	

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### 8.2. Exposure controls

#### Personal protective equipment:

At high vapor/gas concentration: gas mask with filter type AX. Safety glasses. Gloves.

#### Materials for protective clothing:

Wear suitable protective clothing, gloves and eye/face protection

#### Hand protection:

Wear suitable gloves resistant to chemical penetration

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR)	6 (> 480 minutes)	0.35		EN 374-2

#### Eye protection:

Protective goggles

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection. Type AX

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



#### Other information:

Do not eat, drink or smoke when using this product. Take off contaminated clothing. Do not eat, drink or smoke during use. Always wash hands after handling the product. Avoid inhalation of vapours. Avoid contact with skin.

## SECTION 9: Physical and chemical properties

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

Physical state	: Gas
Appearance	: Aerosol can.
Colour	: Colourless.
Odour	: Characteristic.
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	: 692 g/l
Solubility	: Not miscible. Organic solvent:85,8 %
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive. Vapour could form explosive mixture with air.
Oxidising properties	: No data available
Explosive limits	: No data available

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### 9.2. Other information

VOC content : 85,6 %  
Other properties : They may form explosive mixtures with air.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Protect from sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

On combustion, forms: carbon oxides (CO and CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

#### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics. (1174522-09-8)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 Inhalation - Rat	> 4951 mg/m <sup>3</sup> @ 4h

#### isobutane (75-28-5)

LC50 Inhalation - Rat (Vapours)	> 50 mg/l/4h
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#### Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	> 2000 mg/kg

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

LC50 Inhalation - Rat (Vapours)	20 mg/l/4h
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#### butane (106-97-8)

LC50 Inhalation - Rat (Vapours)	658 mg/l/4h
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#### 2-butoxyethanol (111-76-2)

LD50 oral rat	300 – 2000 mg/kg
LD50 oral	300 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight
LD50 dermal rabbit	400 mg/kg
LC50 Inhalation - Rat (Vapours)	11 mg/l/4h

Skin corrosion/irritation : Not classified  
Additional information : slightly irritated but not relevant for classification.  
Serious eye damage/irritation : Not classified  
Additional information : No irritant effect  
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

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Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

### Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)

LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight
NOAEL (dermal, rat/rabbit, 90 days)	> 1000 mg/kg bodyweight

Aspiration hazard : Not classified.

### Contact Spray Aerosol

Vaporizer	Aerosol.
Potential adverse human health effects and symptoms	: Irritating. May be narcotic.

## SECTION 12: Ecological information

### 12.1. Toxicity

General	: Do not allow into drains or water courses.
Ecology - water	: Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cycloalkanes, <2% aromatics. (1174522-09-8)

LC50 fish 1	> 100 mg/l @96h <i>Oncorhynchus mykiss</i>
EC50 Daphnia 1	> 100 mg/l @48h <i>Daphnia magna</i>
EC50 other aquatic organisms 1	> 100 mg/l @72h <i>Pseudokirchneriella subcapitata</i>

### Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)

EC50 Daphnia 1	> 1000 g/l Daphnia
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### 2-butoxyethanol (111-76-2)

LC50 fish 1	1490 mg/l <i>Lepomis macrochirus</i>
EC50 Daphnia 1	> 1800 mg/l <i>Daphnia magna</i>
EC50 72h - Algae [1]	> 911 mg/l <i>Pseudokirchneriella subcapitata</i>
EC50 72h - Algae [2]	> 1840 mg/l <i>Pseudokirchneriella subcapitata</i>
NOEC (chronic)	100 mg/l <i>Daphnia magna</i> Duration: @ 21d
NOEC chronic fish	> 100 mg/l

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

### Distillates (petroleum), hydrotreated light naphthenic (64742-53-6)

Log Kow	> 3
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### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations	: Do not dispose of with domestic waste.
Waste disposal recommendations	: Remove to an authorized waste treatment plant.
Waste materials	: Dispose of contents/container in accordance with licensed collector's sorting instructions and in accordance to local and regional legislation.

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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

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

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : 5F  
Limited quantities (ADR) : 1I  
Transport category (ADR) : 2  
Tunnel restriction code (ADR) : D

#### Transport by sea

Limited quantities (IMDG) : SP277  
EmS-No. (Fire) : F-D  
EmS-No. (Spillage) : S-U

### 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 substance on the REACH candidate list

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

VOC content : 85,6 %

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No additional information available

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### SECTION 16: Other information

#### Indication of changes:

Section	Changed item	Change	Comments
	Supersedes	Modified	
	Revision date	Modified	
1.1	Product group	Added	

#### 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
Aerosol 1	Aerosol, 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
Press. Gas (Comp.)	Gases under pressure : Compressed gas
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode 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.
EUH066	Repeated exposure may cause skin dryness or cracking.

#### SDS MPM REACH

*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.*