



# Professional EGR & Intake Cleaner

## Safety Data Sheet

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

Date of issue: 13/08/2014

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version: 1.0

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

#### 1.1. Product identifier

Product name : Professional EGR & Intake Cleaner  
 Product code : AD04000  
 Vaporizer : Aerosol

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

##### 1.2.1. Relevant identified uses

Intended for general public  
 Main use category : Professional use, Consumer use  
 Use of the substance/mixture : Automotive care products  
 Function or use category : Aerosol propellants, Cleaning/washing agents and additives

##### 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 - Nederland  
 T +31 (0)15 2514030 - F +31 (0)15 2514031  
[info@mpmoil.nl](mailto:info@mpmoil.nl) - [www.mpmoil.nl](http://www.mpmoil.nl)

#### 1.4. Emergency telephone number

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

Country	Official advisory body	Address	Emergency number
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Centre Hospitalier Universitaire de Constantine	Avonley Road SE14 5ER London	0870 243 2241

### SECTION 2: Hazards identification

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

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

Aerosol 1 H222;H229  
 Skin Irrit. 2 H315  
 Eye Dam. 1 H318  
 STOT SE 3 H335  
 STOT SE 3 H336  
 Asp. Tox. 1 H304  
 Aquatic Chronic 2 H411

Full text of hazard classes and H-statements : see section 16

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



CLP Signal word : Danger.  
 Hazardous ingredients : Butanol; ammonia; Solvent naphta (petroleum), light arom. Benzene<0.1%  
 Hazard statements (CLP) : H222 - Extremely flammable aerosol  
 H229 - Pressurised container: May burst if heated

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H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H411 - Toxic to aquatic life with long lasting effects  
H304 - May be fatal if swallowed and enters airways

### 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  
P251 - Do not pierce or burn, even after use  
P211 - Do not spray on an open flame or other ignition source  
P280 - Wear face protection, eye protection, protective clothing, protective gloves  
P271 - Use only outdoors or in a well-ventilated area  
P261 - Avoid breathing spray, gas, mist, vapours  
P301+P310 - IF SWALLOWED: immediately call a POISON CENTER or doctor/physician  
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 person to fresh air and keep comfortable for breathing  
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 to officially registered waste disposal company  
P300 - Without adequate ventilation formation of explosive mixtures may be possible

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Solvent naphta (petroleum), light arom. Benzene<0.1%	(CAS No) 64742-95-6 (EC no) 918-668-5 (REACH-no) 01-2119455851-35	25 - 50	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
propane	(CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5 (REACH-no) 01-2119486944-21	10 - 25	Flam. Gas 1, H220 Compressed gas, H280
Butanol	(CAS No) 78-83-1 (EC no) 201-148-0 (EC index no) 603-108-00-1	10 - 25	Flam. Liq. 3, H226 STOT SE 3, H335 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336
2-butoxyethanol	(CAS No) 111-76-2 (EC no) 203-905-0 (EC index no) 603-014-00-0 (REACH-no) 01-2119475108-36	10 - 25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319
oleic acid, pure	(CAS No) 112-80-1 (EC no) 204-007-1	10 - 20	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
ammonia	(CAS No) 1336-21-6 (EC no) 215-647-6 (EC index no) 007-001-01-2	1 - 2,5	Skin Corr. 1B, H314 STOT SE 3, H335 Aquatic Acute 1, H400

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
ammonia	(CAS No) 1336-21-6 (EC no) 215-647-6 (EC index no) 007-001-01-2	(C >= 5) STOT SE 3, H335

Full text of H-statements: see section 16

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- After inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of unconsciousness place in unconscious position and seek medical advice.
- After skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.
- After eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
- After ingestion : Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

#### 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 : powder, alcohol-resistant foam, water spray, carbon dioxide.
- Unsuitable extinguishing media : Do not use a heavy water stream.

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

No additional information available

#### 5.3. Advice for firefighters

- Precautionary measures 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

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

- Protective equipment : Do not get in eyes, on skin, or on clothing. Wear suitable protective clothing and gloves.

##### 6.1.2. For emergency responders

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

#### 6.2. Environmental precautions

Do not release in groundwater, surfacewater or sewerage. Notify authorities if liquid enters sewers or public waters.

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

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.
- Other information : Provide adequate ventilation.

#### 6.4. Reference to other sections

Information on disposal - see Section 13. Information on personal protective equipment - see Chapter 8. Information on safe handling - see Section 7.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured. Avoid contact with skin and eyes. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not breathe vapour or spray. Do not spray on an open flame or other ignition source.
- Hygiene measures : Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product.

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

- Technical measures : Keep only in the original container in a cool, well-ventilated place.
- Storage conditions : Do not expose to temperatures exceeding 50 °C/ 122 °F. Protect from heat and direct sunlight.
- Heat and ignition sources : Take precautionary measures against static discharge during blending and transfer operations. Protect from heat and direct sunlight. Keep away from sources of ignition - No smoking.
- Storage area : Observe official regulations on storing packagings with pressurized containers. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ensure adequate ventilation of the storage area.

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

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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

### 8.2. Exposure controls

Technical measures	: If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.
Personal protective equipment	: Gloves. Safety glasses.
Materials for protective clothing	: Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. NBR (Nitrile rubber). nitrile rubber
Hand protection	: Wear suitable gloves resistant to chemical penetration. In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves
Eye protection	: Safety glasses
Respiratory protection	: If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn. Suitable respiratory protective equipment: Full-/Half-/Quarter-Masks (DIN EN 136/140). Type AX



Other information	: Avoid contact with skin and eyes. Do not breathe vapour or spray. The usual precautions for handling chemicals should be observed.
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## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Appearance	: Aerosol.
Colour	: No data available
Odour	: characteristic.
Odour threshold	: No data available
pH	: 10 @ 20°C
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	: Not applicable as aerosol.
Auto-ignition temperature	: 240 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 4 bar @ 20°C
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 818 g/l
Solubility	: Water: insoluble
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive. In use, may form flammable/explosive vapour-air mixture.
Oxidising properties	: No data available
Explosive limits	: 0,7 - 12 vol %

### 9.2. Other information

VOC content	: 636,9 g/l
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

No additional information available

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

No additional information available

#### 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

None under normal conditions.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Not classified

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

LC50 inhalation rat (Vapours - mg/l/4h)	20 mg/l/4h
Skin corrosion/irritation	: Causes skin irritation. pH: 10 @ 20°C
Serious eye damage/irritation	: Causes serious eye damage. pH: 10 @ 20°C
Respiratory or skin sensitisation	: Not classified No sensitizing effect known
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation. May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: May be fatal if swallowed and enters airways.

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Vaporizer	Aerosol
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### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 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

Waste disposal recommendations : Container under pressure. Do not drill or burn even after use. Remove to an authorized waste treatment plant.

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### SECTION 14: Transport information

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

#### 14.1. UN number

UN-No. : 1950  
UN-No. (IMDG) : 1950

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS  
Proper Shipping Name (IMDG) : AEROSOLS  
Transport document description : UN 1950 AEROSOLS, 2.1, (D), ENVIRONMENTALLY HAZARDOUS  
Transport document description (IMDG) : UN 1950 AEROSOLS, 2.1, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

#### 14.3. Transport hazard class(es)

##### ADR

Transport hazard class(es) (ADR) : 2.1  
Danger labels (UN) : 2.1



##### IMDG

Transport hazard class(es) (IMDG) : 2.1  
Danger labels (IMDG) : 2.1



#### 14.4. Packing group

Packing group (ADR) : Not applicable  
Packing group (IMDG) : Not applicable

#### 14.5. Environmental hazards

Dangerous for the environment : Yes  
Marine pollutant : Yes  
Other information : 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 73/78 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

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Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 636,9 g/l

### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aerosol 1	Aerosol, 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
Asp. Tox. 1	Aspiration hazard, Category 1
Compressed gas	Gases under pressure : Compressed gas
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H220	Extremely flammable gas.
H222	Extremely flammable aerosol
H226	Flammable liquid and vapour
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.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

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*