

## XENUM - In & Out Cleaner

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

#### 1.1. - Product identifier

Trade name XENUM - In & Out Cleaner  
Chemical name  
Product-type Mixture  
Product code 3192015

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

Relevant identified uses of the substance or mixture - Fuel and fuel additive  
Uses advised against of the substance or mixture - Do not use for medical-clinical purposes.  
- Do not use for products which come into contact with the food stuffs.

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

XENUM NV/SA  
Vluchtenburgstraat 9  
2630 Aartselaar Belgium  
Phone +32(0)3 846 48 03  
XENUM HQ: +32(0)3 846 48 03 info@xenum.com

#### 1.4. - Emergency telephone number

- Poison Centre. Tel: (+32) 070 245 245 or (+32) 02 264 96 30  
BelgiumPoison Centre. Tel: (+32) 070 245 245 or (+32) 02 264 96 30  
NL Alleen voor professionele hulpverleners: Nationaal Vergiftigingen Informatiecentrum (NVIC): +31(0)3 02 74 88 88  
Czech RepublicToxicological Information Centre Telefon: +420 224 919 293, +420 224 915 402  
GermanyGiftnotruf der Charité CBF, Tel.: + 49 (0) 30/19240  
NorwayPoison Centre. Tel: (+47) 22 59 13 00  
SpainToxicology Information Service. Tel: (+34) 91 562 04 20  
ItalyCentro Antiveleni Firenze Tel (+39)055 794.7819

### SECTION 2 - Hazards identification

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

Acute Tox. 4 Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard, Category 3

#### 2.2. - Label elements

Contains: (CAS No.: 64742-94-5)Distillates (petroleum), hydrotreated light, Kerosine - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).] (CAS No.: 64742-47-8)||Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).] (CAS No.: 64742-48-9)||2-Ethylhexylnitrate (CAS No.: 27247-96-7)

Signal word Danger

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### Hazard pictograms



### Hazard statements

H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H412	Harmful to aquatic life with long lasting effects

### Precautionary statements

P102	Keep out of reach of children
P270	Do not eat, drink or smoke when using this product
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331	Do NOT induce vomiting
P405	Store locked up

### EUH-phrases

#### 2.3. - Other hazards

PBT substance or mixture - No information available.

vPvB substance or mixture - No information available.

Other hazards which do not result in classification - No information available.

## SECTION 3 - Composition/information on ingredients

### 3.1. - Substances

Not applicable

### 3.2. - Mixtures

Chemical name	No	%	Class	Spec. concentrations
Naphtha (petroleum), hydrotreated heavy, Low boiling point hydrogen treated naphtha, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C6 through C13 and boiling in the range of approximately 65°C to 230°C (149°F to 446°F).]	CAS No. : 64742-48-9 Index No. : 649-327-00-6 EC No. : 265-150-3	60 - 80	Asp. Tox. 1 - H304 Carc. 1B - H350 Muta. 1B - H340	
2-Ethylhexylnitrate	CAS No. : 27247-96-7 Index No. : EC No. : 248-363-6 REACH No. : 01-2119487289-20	10 - 15	Acute Tox. 4 Dermal - H312 Acute Tox. 4 Inhalation - H332 Acute Tox. 4 Oral - H302 Aquatic Chronic 2 - H411	

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Chemical name	No	%	Class	Spec. concentrations
Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified, [A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of	CAS No. : 64742-94-5 Index No. : 649-424-00-3 EC No. : 265-198-5 REACH No. : 01-2119463588-24	1 - 5	Aquatic Chronic 2 - H411 Asp. Tox. 1 - H304 STOT SE 3 (H336) - H336	
naphthalene	CAS No. : 91-20-3 Index No. : 601-052-00-2 EC No. : 202-049-5	0 - 0,5	Acute Tox. 4 Oral - H302 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 Carc. 2 - H351	

### SECTION 4 - First aid measures

#### 4.1. - Description of first aid measures

##### Measures in case of inhalation

- No special measures are necessary.
- Provide fresh air.

##### Measures in case of contact with skin

- Wash immediately with: Water
- When in doubt or if symptoms are observed, get medical advice.

##### Measures in case of contact with eyes

- Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

##### Measures in case of ingestion

- Seek medical advice immediately.
- Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.
- Rinse mouth thoroughly with water.
- Medical treatment necessary.
- When in doubt or if symptoms are observed, get medical advice.

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

##### Symptoms and effects after inhalation

- No information available.

##### Symptoms and effects after contact with skin

- No information available.

##### Symptoms and effects after contact with eyes

- No information available.

##### Symptoms and effects after ingestion

- No information available.

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

- Treat symptomatically. Antidotal dispensation.

### SECTION 5 - Firefighting measures

#### 5.1. - Extinguishing media

##### Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO2)
- Foam

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- Extinguishing powder

### Unsuitable extinguishing media

- High power water jet

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

#### Special hazards

- No information available.

### 5.3. - Advice for firefighters

- Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
- Do not allow run-off from fire-fighting to enter drains or water courses.

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## SECTION 6 - Accidental release measures

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

#### For non-emergency personnel

- Use personal protection equipment.
- Provide adequate ventilation.

#### For emergency responders

- No information available.

### 6.2. - Environmental precautions

- Do not allow to enter into surface water or drains.
- Ensure waste is collected and contained.

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

#### Appropriate containment techniques

- Soak up inert absorbent and dispose as waste requiring special attention.

#### Appropriate clean-up procedures

- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Take up carefully when dry.
- Clear contaminated areas thoroughly.
- Clean contaminated articles and floor according to the environmental legislation.

#### Inappropriate techniques

- No information available.

### 6.4. - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

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## SECTION 7 - Handling and storage

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### 7.1. - Precautions for safe handling

#### Recommendations

- After use replace the closing cap immediately.
- Avoid exposure - obtain special instructions before use.

#### Advice on general occupational hygiene

- Wash contaminated clothing prior to re-use.
- When using do not eat, drink, smoke, sniff.
- Thorough skin-cleansing after handling the product.
- Wash hands before breaks and after work.

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

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- Storage class Non-combustible substances of acute toxicity, category 1 and 2 / very toxic substances (liquid)
- Do not store together with: Food and feedingstuffs

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

## SECTION 8 - Exposure controls/personal protection

### 8.1. - Control parameters

### 8.2. - Exposure controls

Appropriate engineering controls - No information available.

Individual protection measures, such as personal protective equipment - Tested protective gloves must be worn

- Suitable protective clothing: lab coat

Environmental exposure controls - Further information: see technical data sheet.

## SECTION 9 - Physical and chemical properties

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

<u>Physical state</u>	Liquid	<u>Appearance</u>	Liquid
<u>Color</u>	colourless	<u>Odor</u>	characteristic
Odour threshold		No data available	
pH		No data available	
Melting point		> 0 °C	
Freezing point		No data available	
Boiling point		200 °C	
Flash point		65 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		0,7 % Vol.	
Upper explosion limit		6 % Vol.	
Vapour pressure		0,95 hPa	
Vapour density		No data available	
Relative density		No data available	
Density		0,81 g/cm3	
Solubility (Water)		No data available	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		75 % No data available	
Solubility (Organic solvents)		No data available	
Log KOC - Partition coefficient: n-octanol/water		No data available	
Auto-ignition temperature		180 °C No data available	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	
Dynamic viscosity		No data available	

### 9.2. - Other information

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VOC content	0,25 %
Minimum ignition energy	No data available
Conductivity	No data available

### SECTION 10 - Stability and reactivity

#### 10.1. - Reactivity

- This material is considered to be non-reactive under normal use conditions.

#### 10.2. - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

#### 10.3. - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

#### 10.4. - Conditions to avoid

- No information available.

#### 10.5. - Incompatible materials

- No information available.

#### 10.6. - Hazardous decomposition products

- Does not decompose when used for intended uses.

### SECTION 11 - Toxicological information

#### 11.1. - Information on toxicological effects

Acute toxicity - Acute toxicity (oral), Category 4 - Harmful if swallowed

LD50 oral (rat)	1088,1 mg/kg
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- No information available.

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 - Not classified

Specific target organ toxicity - Single exposure - Not classified

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- data lacking

Specific target organ toxicity - Repeated exposure - Not classified

Aspiration hazard - Aspiration hazard, Category 1 - May be fatal if swallowed and enters airways

### SECTION 12 - Ecological information

#### 12.1. - Toxicity

EC50 48 hr crustacea	No data available
LC50 96 hr fish	100 mg/l < V < 1000 mg/l
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

- Harmful to aquatic life with long lasting effects.

#### 12.2. - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

#### 12.3. - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC - Partition coefficient: n-octanol/water	No data available

- No indication of bioaccumulation potential.

#### 12.4. - Mobility in soil

- No information available.

#### 12.5. - Results of PBT and vPvB assessment

- No information available.

- No information available.

#### 12.6. - Other adverse effects

- No information available.

### SECTION 13 - Disposal considerations

#### 13.1. - Waste treatment methods

Appropriate methods of waste treatment - Dispose of waste according to applicable legislation.

Sewage disposal - No information available.

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<u>Special precautions for waste treatment</u>	- Waste requires special monitoring. - Collect the waste separately. - Send to a hazardous waste incinerator facility under observation of official regulations. - The waste is to be kept separate from other types of waste until its disposal.
<u>Community or national or regional provisions</u>	- No information available.

### SECTION 14 - Transport information

14.1. - UN number

14.2. - UN proper shipping name

14.3. - Transport hazard class(es)

ADR Classification code :

14.4. - Packing group

14.5. - Environmental hazards

Environmental hazards :

Marine pollutant :

14.6. - Special precautions for user

14.7. - Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

### SECTION 15 - Regulatory information

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

Components in the list of  
Reach candidates None

Components in Annex XIV None

Components in Annex XVII None

VOC content 0,25 %

15.2. - Chemical safety assessment

Chemical safety assessment carried  
out for the product - No information available.

### SECTION 16 - Other information

#### SDS versions

Version No.	Date of issue	Description of the amendments
1,01	19/09/2016	Changements for transport regulation.
1	24/04/2016	

#### Texts of the regulatory sentences

Acute Tox. 4 Dermal	Acute toxicity (dermal), Category 4
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Acute Tox. 4 Inhalation	Acute toxicity (inhal.), Category 4
Acute Tox. 4 Oral	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic 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
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity - Category 1B
Carc. 2	Carcinogenicity, Category 2
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H332	Harmful if inhaled
H340	May cause genetic defects - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H350	May cause cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H351	Suspected of causing cancer - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
Muta. 1B	Germ cell mutagenicity, Category 1B
STOT SE 3 (H336)	Specific target organ toxicity - Single exposure, Category 3, Respiratory tract irritation

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