

XENUM - T-FLUSH

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

1.1. - Product identifier

Trade name XENUM - T-FLUSH

Chemical name

Product-type Mixture

Product code 3406300

Index No. EC No.

CAS No.

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 additiveUses 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

+32(0)3 846 48 03

XENUM HQ: +32(0)3 846 48 03 info@xenum.com

1.4. - Emergency telephone number

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

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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 Antiveleli Firenze Tel (+39)055 794.7819

SECTION 2 - Hazards identification

2.1. - Classification of the substance or mixture

Muta. 1B	Germ cell mutagenicity, Category 1B
Carc. 1B	Carcinogenicity - Category 1B
Asp. Tox. 1	Aspiration hazard, Category 1

2.2. - Label elements

Contains: Distillates (petroleum), hydrotreated heavy naphthenic, Baseoil - 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 C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains relatively few normal paraffins.] (CAS No.: 64742-52-5)||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)

Signal word Danger

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Hazard pictograms



Hazard statements

H304	May be fatal if swallowed and enters airways
H340	May cause genetic defects
H350	May cause cancer

Precautionary statements

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
P280	Wear protective gloves, eye protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P405	Store locked up

EUH-phrases

2.3. - Other hazards

<u>PBT substance or mixture</u>	- No information available.
<u>vPvB substance or mixture</u>	- No information available.
<u>Other hazards which do not result in classification</u>	- 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	49,5	Asp. Tox. 1 - H304 Carc. 1B - H350 Muta. 1B - H340	

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Chemical name	No	%	Class	Spec. concentrations
Distillates (petroleum), hydrotreated heavy naphthenic, Baseoil - 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 C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains relatively few normal paraffins.]	CAS No. : 64742-52-5 Index No. : 649-465-00-7 EC No. : 265-155-0	20 - 50	Carc. 1B - H350	
Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutylene derivatives	CAS No. : 84605-20-9 Index No. : EC No. : 617-593-2	10 - 20	Aquatic Chronic 4 - H413	

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

- Rinse mouth thoroughly with water.
- Do NOT induce vomiting.

4.2. - Most important symptoms and effects, both acute and delayedSymptoms 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**SECTION 5 - Firefighting measures****5.1. - Extinguishing media**Suitable extinguishing media

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

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Unsuitable extinguishing media - High power water jet

5.2. - Special hazards arising from the substance or mixture

Special hazards - No information available.

Decomposition products
- Carbon dioxide (CO₂)
- Carbon monoxide

5.3. - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6 - Accidental release measures

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

- No information available.

6.3. - Methods and material for containment and cleaning up

Appropriate containment techniques - No information available.

Appropriate clean-up procedures
- Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water.

Inappropriate techniques - No information available.

6.4. - Reference to other sections

- Disposal: see section 13

- Personal protection equipment: see section 8

SECTION 7 - Handling and storage

7.1. - Precautions for safe handling

Recommendations - No special technical protective measures are necessary.

Advice on general occupational hygiene - No information available.

7.2. - Conditions for safe storage, including any incompatibilities

- No information available.

7.3. - Specific end use(s)

- No information available.

SECTION 8 - Exposure controls/personal protection

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8.1. - Control parameters

- No information available.

8.2. - Exposure controls

Appropriate engineering controls - No information available.

Individual protection measures, such as personal protective equipment - Suitable protective clothing: lab coat

Environmental exposure controls - Use the following chemical treatment methods for waste water: Adsorption

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>	amber	<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	> 75 °C		
Evaporation rate	No data available		
flammability	No data available		
Lower explosion limit	0,7 % Vol.		
Upper explosion limit	6 % Vol.		
Vapour pressure	No data available		
Vapour density	No data available		
Relative density	No data available		
Density	0,88 g/cm3		
Solubility (Water)	No data available		
Solubility (Ethanol)	No data available		
Solubility (Acetone)	No data available		
Solubility (Organic solvents)	No data available		
Log KOC - Partition coefficient: n-octanol/water	No data available		
Auto-ignition temperature	> 236 °C		
Decomposition temperature	No data available		
Kinematic viscosity	No data available		
Dynamic viscosity	No data available		

9.2. - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10 - Stability and reactivity

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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

- Not classified

LD50 oral (rat)	No data available
LD50 dermal (rat)	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

- Based on available data, the classification criteria are not met.

Skin corrosion/irritation

- Not classified

Serious eye damage/irritation

- Not classified

Respiratory or skin sensitisation

- Not classified

Germ cell mutagenicity

- Germ cell mutagenicity, Category 1B - May cause genetic defects

Carcinogenicity

- Carcinogenicity - Category 1B - May cause cancer

Reproductive toxicity

- Not classified

Specific target organ toxicity - Single exposure

- Not classified

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

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12.1. - Toxicity

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
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

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

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.

Special precautions for waste treatment - No information available.

Community or national or regional provisions - No information available.

SECTION 14 - Transport information

14.1. - UN number

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Substance name : Not applicable

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 None

Reach candidates

Components in Annex XIV None

Components in Annex XVII None

VOC content No data available

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	21/04/2016	

Texts of the regulatory sentences

Aquatic Chronic 4	Hazardous to the aquatic environment - Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity - Category 1B
H304	May be fatal if swallowed and enters airways
H340	May cause genetic defects
H350	May cause cancer
H413	May cause long lasting harmful effects to aquatic life
Muta. 1B	Germ cell mutagenicity, Category 1B