

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : C7C8 Aromatic

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

Use of the substance/mixture : Formulation of gasoline

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

US Distributer:  
Braskem S.A.  
5100 Westheimer Rd - Suite 495  
Houston, 77056 - USA  
Tel: 713 255 4747  
Fax: 713 255 4740

Manufacturer:  
Braskem SA Qpar Headquarter  
Rua Buenos Aires, 15 sala 1001 e dependências -parte  
CEP: 20030-001  
Rio de Janeiro  
Brazil  
Phone: 55 21 2157-7778  
Fax: 55 21 2157-7719  
E-mail: [mayla.salmeron@braskem.com](mailto:mayla.salmeron@braskem.com)

BRASKEM S/A UNIB-RS  
BR 386 - Rodovia Tabai/Canoas – km 419  
Cep. 95853-000 – Triunfo/RS  
+55 51 3457-6000

#### 1.4. Emergency telephone number

Emergency number : +55 0800-541-4252 or (0xx51) 3457-6000

### SECTION 2: Hazards identification

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

##### GHS-US classification

Flam. Liq. 2	H225
Acute Tox. 4 (Oral)	H302
Skin Irrit. 2	H315
Muta. 1B	H340
Carc. 1A	H350
Repr. 2	H361
STOT SE 3	H336
STOT RE 1	H372

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

: Danger

Hazard statements (GHS-US)

: H225 - Highly flammable liquid and vapour  
H302 - Harmful if swallowed  
H315 - Causes skin irritation  
H336 - May cause drowsiness or dizziness  
H340 - May cause genetic defects

# C7C8 Aromatic

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### Precautionary statements (GHS-US)

H350 - May cause cancer  
H361 - Suspected of damaging fertility or the unborn child  
H372 - Causes damage to organs through prolonged or repeated exposure

: P201 - Obtain special instructions before use  
P202 - Do not handle until all safety precautions have been read and understood  
P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking  
P233 - Keep container tightly closed  
P240 - Ground/bond container and receiving equipment  
P241 - Use explosion-proof electrical, lighting, ventilating equipment  
P242 - Use only non-sparking tools  
P243 - Take precautionary measures against static discharge  
P260 - Do not breathe mist, spray, vapours  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray  
P264 - Wash hands thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear eye protection, protective clothing, protective gloves  
P301+P312 - If swallowed: Call a poison center/doctor/... if you feel unwell  
P302+P352 - If on skin: Wash with plenty of water/...  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing  
P308+P313 - If exposed or concerned: Get medical advice/attention  
P312 - Call a poison center/doctor/... if you feel unwell  
P314 - Get medical advice/attention if you feel unwell  
P321 - Specific treatment (see First aid measures on this label)  
P330 - Rinse mouth  
P332+P313 - If skin irritation occurs: Get medical advice/attention  
P362 - Take off contaminated clothing and wash before reuse  
P370+P378 - In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), water spray, sand, earth to extinguish  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up  
P501 - Dispose of contents/container to comply with applicable local, national and international regulation.

### 2.3. Other hazards

other hazards which do not result in classification : Explosive vapour/air mixtures may be formed.

### 2.4. Unknown acute toxicity (GHS-US)

No data available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
Toluene	(CAS No) 108-88-3	55	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304
Aromatic C8	Not applicable	35	No data available
Non aromatic C7-C8	Not applicable	4	No data available
Aromatic C9	Not applicable	3	No data available
Non aromatic C9	Not applicable	2	No data available
Benzene	(CAS No) 71-43-2	1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Muta. 1B, H340 Carc. 1A, H350 STOT RE 1, H372 Asp. Tox. 1, H304

# C7C8 Aromatic

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

Synonym: Hydrocarbons liquid NOS (3295); alkylbenzene Mixtures (containing at least 50% of toluene)

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- |                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.  |
| First-aid measures after inhalation   | : Assure fresh air breathing. Allow the victim to rest.  |
| First-aid measures after skin contact | : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.   |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.   |

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

- |                                      |   |
|--------------------------------------|---|
| Symptoms/injuries                    | : May cause genetic defects. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. May have damaging effect on respiratory system, central nervous system and liver. |
| Symptoms/injuries after inhalation   | : May cause cancer by inhalation.   |
| Symptoms/injuries after skin contact | : Causes skin irritation.   |
| Symptoms/injuries after eye contact  | : Causes serious eye irritation.  |
| Symptoms/injuries after ingestion    | : May be fatal if swallowed and enters airways.   |

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

Avoid any direct contact with the product. Symptomatic treatment should include, above all, measures of support as correction of hydro electrolytic and metabolic disturbances and respiratory failure. . Do not rub the skin and eyes after direct contact with the product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- |                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Foam. Dry powder. Carbon dioxide. Water spray. Sand. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

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

- |                  |  |
|------------------|--|
| Fire hazard      | : Highly flammable liquid and vapour. Thermal decomposition can lead to the escape of irritating gases and vapours. ketone. aldehydes. Carbon monoxide. Carbon dioxide. low molecular weight hydrocarbons. |
| Explosion hazard | : May form flammable/explosive vapour-air mixture.   |
| Reactivity       | : Stable under normal conditions of use.   |

#### 5.3. Advice for firefighters

- |                                       |   |
|---------------------------------------|---|
| Firefighting instructions             | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protective equipment for firefighters | : 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 | : Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking. |
|------------------|--|

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

- |                      |   |
|----------------------|---|
| Protective equipment | : For further information refer to section 8 : Exposure-controls/personal protection. |
| Emergency procedures | : Evacuate unnecessary personnel.   |

##### 6.1.2. For emergency responders

- |                      |  |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. For further information refer to section 8 : Exposure-controls/personal protection. |
| Emergency procedures | : Ventilate area. Avoid inhalation of vapours.   |

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

# C7C8 Aromatic

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

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

- For containment : Contain and collect as any solid. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Collect all waste in suitable and labelled containers and dispose according to local legislation.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
- Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No naked lights. No smoking. Use only non-sparking tools. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so. Do not breathe dust/fume/gas/mist/vapours/spray.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands and face immediately after handling this product, and once again before leaving the workplace. Wash contaminated clothing before reuse.

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

- Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/... equipment.
- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep in fireproof place. Keep container tightly closed.
- Incompatible products : Strong bases. Strong acids.
- Storage area : Keep away from heat and direct sunlight.
- Special rules on packaging : Do not pressurize, cut, weld, braze, solder, drill, grind, or expose containers to flames, sparks, heat, or other potential ignition sources. Maintain air gap between stacks/pallets.
- Packaging materials : Glass. Carbon steel. Stainless steel.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Benzene (71-43-2)		
USA ACGIH	ACGIH TWA (ppm)	0.5 ppm
USA ACGIH	ACGIH STEL (ppm)	2.5 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	1 ppm
USA OSHA	OSHA PEL (STEL) (ppm)	5 ppm (see 29 CFR 1910.1028)
USA OSHA	OSHA PEL (Ceiling) (ppm)	25 ppm
DNEL	DNEL	234 mg/l
PNEC	PNEC	1.9 mg/l

Toluene (108-88-3)		
USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm
USA OSHA	OSHA PEL (Ceiling) (ppm)	300 ppm

### 8.2. Exposure controls

- Appropriate engineering controls : Local exhaust and general room ventilation are both essential to prevent accumulation of flammable vapour. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

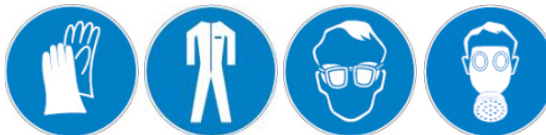
# C7C8 Aromatic

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### Personal protective equipment

: Avoid all unnecessary exposure. Gloves. Protective clothing. Safety glasses. Use breathing mask and filter suitable for organic gases and vapours.



### Hand protection

: Wear protective gloves. PVA (Polyvinyl alcohol). Polypropylene. Protective gloves made of PVC.

### Eye protection

: Chemical goggles or safety glasses.

### Skin and body protection

: Wear suitable protective clothing.

### Respiratory protection

: Wear respiratory protection.

### Other information

: Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Colourless
odour	: characteristic
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 110 - 185 °C (230 - 365 °F)
Flash point	: < 20 °C (68 °F)
Critical temperature	: 325 °C (617 °F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: < 20 kPa
Critical pressure	: 38.44 bar
Relative vapour density at 20 °C	: No data available
Relative density	: 0.86 - 0.87 g/cm <sup>3</sup>
Solubility	: Soluble in chloroform. Soluble in benzene. Diethyl ether. Water: Insoluble Ethanol: Soluble
Log Pow	: No data available
Log Kow	: Benzene: 1,18-1,9Toluene: 2,11-2,80
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions of use.

### 10.2. Chemical stability

Not established. Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

### 10.3. Possibility of hazardous reactions

Can polymerise exothermically if heated, exposed to air, sunlight or by addition of free radical initiators.

# C7C8 Aromatic

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

### 10.5. Incompatible materials

Strong oxidizing agents. Halogens. nitric acid. Nitrogen oxides. Permanganates. chromic acid. Sulfuric acid. Silver perchlorate. uranium hexafluoride.

### 10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. May release flammable gases. ketone. Aldehydes.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Harmful if swallowed.

C7C8 Aromatic	
ATE US (oral)	500.00000000 mg/kg bodyweight

Benzene (71-43-2)	
LD50 oral rat	930 mg/kg
LD50 dermal rabbit	> 8260 mg/kg
LC50 inhalation rat (mg/l)	44.5 mg/l/4h
LC50 inhalation rat (ppm)	13050 - 14380 ppm/4h
ATE US (oral)	1800.00000000 mg/kg

Toluene (108-88-3)	
LD50 oral rat	636 mg/kg
LD50 dermal rabbit	8390 mg/kg
LC50 inhalation rat (mg/l)	12.5 mg/l/4h
ATE US (oral)	636.00000000 mg/kg bodyweight
ATE US (dermal)	8390.00000000 mg/kg bodyweight
ATE US (dust,mist)	12.50000000 mg/l/4h

Skin corrosion/irritation : Causes skin irritation.  
pH: Not applicable

Serious eye damage/irritation : Not classified  
pH: Not applicable

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer.

Benzene (71-43-2)	
IARC group	1 - Carcinogenic to humans
National Toxicity Program (NTP) Status	1 - Evidence of Carcinogenicity, 2 - Known Human Carcinogens

Toluene (108-88-3)	
IARC group	3 - Not classifiable

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure) : Causes damage to organs through prolonged or repeated exposure.  
Causes damage to organs through prolonged or repeated exposure

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation : May cause cancer by inhalation.

Symptoms/injuries after skin contact : Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

# C7C8 Aromatic

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### SECTION 12: Ecological information

#### 12.1. Toxicity

Benzene (71-43-2)	
LC50 fishes 1	10.7 - 14.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	8.76 - 15.6 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2	5.3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
EC50 Daphnia 2	10 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Toluene (108-88-3)	
LC50 fishes 1	15.22 - 19.05 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	5.46 - 9.83 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2	12.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	11.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)

#### 12.2. Persistence and degradability

C7C8 Aromatic	
Persistence and degradability	Not established.

Benzene (71-43-2)	
Persistence and degradability	Readily biodegradable. not persistent.

#### 12.3. Bioaccumulative potential

C7C8 Aromatic	
Bioaccumulative potential	Not established.

Benzene (71-43-2)	
BCF fish 1	3.5 - 4.4
Bioconcentration factor (BCF REACH)	> 2000
Log Pow	1.83
Bioaccumulative potential	not bioaccumulable.

Toluene (108-88-3)	
Log Pow	2.65

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

Effect on ozone layer	: No additional information available
Effect on the global warming	: No known ecological damage caused by this product.
Other information	: Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods	: Dispose of this material and its container to hazardous or special waste collection point.
Sewage disposal recommendations	: Air stripping is useful in removing volatile organic compounds from wastewater and contaminated aquifers.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Handle empty containers with care because residual vapours are flammable.
Ecology - waste materials	: Avoid release to the environment. Hazardous waste due to toxicity.

### SECTION 14: Transport information

#### Classification for LAND transport: DOT

UN Number	: UN3295
Proper Shipping Name	: Hydrocarbons, liquid, n.o.s. (Toluene, Benzene)
Class / Division	: 3
Packing Group	: II
Reportable quantity	: Not applicable

# C7C8 Aromatic

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### Classification for SEA transport: IMO - IMDG

UN Number	: UN3295
Proper Shipping Name	: HYDROCARBONS, LIQUID, N.O.S. (Toluene, Benzene)
Class / Division	: 3
Packing group	: II
Marine pollutant	: Product not considered marine pollutant based on available data
Transport in bulk according to Annex I or II of MARPOL 73/78 and IBC or IGC Code:	
Product name	: ALKYL BENZENE MIXTURES (CONTAINING AT LEAST 50% OF TOLUENE)

### Classification for AIR transport: IATA - ICAO

UN Number	: UN3295
Proper Shipping Name	: Hydrocarbons, liquid, n.o.s. (Toluene, Benzene)
Class / Division	: 3
Packing group	: II

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product, therefore it cannot be considered exhaustive. See guidelines of US DOT, IMDG and IATA regulations before transporting the product. The transportation organization is responsible for compliance with laws, regulations and rules for the transport of the material.

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

<b>C7C8 Aromatic</b>	
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	1800 lb
<b>Benzene (71-43-2)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 313 - Emission Reporting	0.1 %
<b>Toluene (108-88-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
Listed on United States SARA Section 313	
RQ (Reportable quantity, section 304 of EPA's List of Lists) :	1000 lb
SARA Section 313 - Emission Reporting	1.0 %

### 15.2. International regulations

#### CANADA

<b>Benzene (71-43-2)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects
<b>Toluene (108-88-3)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class B Division 2 - Flammable Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects

#### EU-Regulations

<b>Toluene (108-88-3)</b>	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	

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

Not classified

#### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

#### 15.2.2. National regulations



# C7C8 Aromatic

## Safety Data Sheet

according to the federal final rule of hazard communication revised on 2012 (HazCom 2012)

### Toluene (108-88-3)

Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Japanese Poisonous and Deleterious Substances Control Law  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on the Canadian IDL (Ingredient Disclosure List)

### 15.3. US State regulations

#### Benzene (71-43-2)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	Yes		Yes	

#### Toluene (108-88-3)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
	Yes	Yes		

### SECTION 16: Other information

Other information : None.

Full text of H-phrases: see section 16:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1A	Carcinogenicity, Category 1A
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	flammable liquids Category 2
Muta. 1B	flammable liquids Category 1 flammable liquids Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	skin corrosion/irritation Category 2
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapour
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
H340	May cause genetic defects
H350	May cause cancer
H361	Suspected of damaging fertility or the unborn child
H372	Causes damage to organs through prolonged or repeated exposure
H373	May cause damage to organs through prolonged or repeated exposure

SDS US (GHS HazCom 2012)

*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*