

MEXICO : +52 55 5004 8763

CHILE : +562 2582 9336

# SAFETY DATA SHEET

### SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name : C2 CHAIN LUBE ROAD Product code : 23301northamerica

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

#### Motorcycle chain lubricant

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

Registered company name : MOTUL.

Address : 119 BOULEVARD FELIX FAURE.93300.AUBERVILLIERS CEDEX.FRANCE. Telephone : +33 (0)1.48.11.70.00. Fax : +33 (0)1.48.33.28.79.

Email: motul\_hse@motul.fr

#### 1.4. Emergency telephone number : +44 (0) 1235 239 670.

Association/Organisation : .

#### Other emergency numbers

UNITED STATES AND CANADA : 001 866 928 0789 BRAZIL : +55 11 3197 5891

### **SECTION 2 : HAZARDS IDENTIFICATION**

### 2.1. Classification of the substance or mixture

### HCS compliant.

Specific target organ toxicity (single exposure), Category 3 (STOT SE 3). Aspiration hazard, Category 1 (Asp. Tox. 1).

#### 2.2. Label elements

Mixture for aerosol application.

### HCS compliant.

Signal Word :

Hazard pictograms :



DANGER	
Product identifiers :	
CAS 109-66-0	PENTANE
	HYDROCARBONS C9-C10 N-ALKANES, ISO ALKANES, CYCLICS < 2% AROMATICS
Hazard statements :	
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
Precautionary statements - G	Seneral :
P102	Keep out of reach of children.
Precautionary statements - P	revention :
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.
P271	Use only outdoors or in a well-ventilated area.

Precautionary statements - Response :

IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P331 Do NOT induce vomiting.

Precautionary statements - Storage :

Protect from sunlight. Do no expose to temperatures exceeding 50 oC/122oF.

### P410 + P412 2.3. Other hazards

P301 + P310

P304 + P340

No data available.

### SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

**Composition :** 

Identification	HCS	Nota	%
CAS: 106-97-8	GHS02, GHS04	[1]	25 <= x % < 50
EC: 203-448-7	Dgr		
REACH: 01-2119474691-32	Flam. Gas 1, H220		
BUTANE			
CAS: 109-66-0	GHS07, GHS08, GHS02	[1]	10 <= x % < 25
EC: 203-692-4	Dgr		
REACH: 01-2119459286-30	Flam. Liq. 1, H224		
	Asp. Tox. 1, H304		
PENTANE	STOT SE 3, H336		
EC: 927-241-2	GHS07, GHS08, GHS02		10 <= x % < 25
REACH: 01-2119471843-32	Dgr		
	Flam. Liq. 3, H226		
HYDROCARBONS C9-C10 N-ALKANES,	Asp. Tox. 1, H304		
ISO ALKANES, CYCLICS < 2% AROMATICS	STOT SE 3, H336		
CAS: 112-90-3	GHS07, GHS05, GHS08		0 <= x % < 1
EC: 204-015-5	Dgr		
	Acute Tox. 4, H302		
(Z)-OCTADEC-9-ENYLAMINE	Asp. Tox. 1, H304		
	Skin Corr. 1B, H314		
	STOT SE 3, H335		
	STOT RE 2, H373		

#### Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

#### **SECTION 4 : FIRST AID MEASURES**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

### 4.1. Description of first aid measures

#### In the event of exposure by inhalation :

In the event of massive inhalation, remove the person exposed to fresh air. Keep warm and at rest.

If the person is unconscious, place in recovery position. Notify a doctor in all events, to ascertain whether observation and supportive hospital care will be necessary.

If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor.

#### In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

#### In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Seek medical attention, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

If swallowed accidentally, do not allow to drink, do not induce vomiting and transfer to hospital immediately by ambulance. Show the label to the doctor.

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

No data available.

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

No data available.

### **SECTION 5 : FIREFIGHTING MEASURES**

#### Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

### 5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

#### Suitable methods of extinction

- In the event of a fire, use :
- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO2)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

#### Unsuitable methods of extinction

In the event of a fire, do not use :

water jet
water

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO2)

#### 5.3. Advice for firefighters

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

#### **SECTION 6 : ACCIDENTAL RELEASE MEASURES**

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

Consult the safety measures listed under headings 7 and 8.

Spilled product may make surfaces slippery.

#### For non first aid worker

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

Avoid inhaling the vapors.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

#### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

#### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Use drums to dispose of collected waste in compliance with current regulations (see section 13).

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

Clean preferably with a detergent, do not use solvents.

sand or other inert absorbing material

### 6.4. Reference to other sections

No data available.

### SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Ensure that there is adequate ventilation, especially in confined areas.

Remove contaminated clothing and protective equipment before entering eating areas.

Avoid contact with eyes.

Take precautionary measures against static discharges.

Spray in short bursts, without prolonged spraying.

Do not breathe vapours

No smoking.

Fire prevention :

Handle in well-ventilated areas.

Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.

Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

Never inhale this mixture.

Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected. Keep packages tightly closed and away from sources of heat, sparks and naked flames.

Do not use tools which may produce sparks. Do not smoke.

Prevent access by unauthorised personnel.

Vapours may be harmful in case of combustion.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Do not breathe in aerosols.

Avoid inhaling vapors. Carry out any industrial operation which may give rise to this in a sealed apparatus.

Provide vapor extraction at the emission source and also general ventilation of the premises.

Also provide breathing apparatus for certain short tasks of an exceptional nature and for emergency interventions.

In all cases, recover emissions at source.

Packages which have been opened must be reclosed carefully and stored in an upright position.

### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

Never open the packages under pressure.

Avoid high temperatures

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

No data available.

### Storage

Keep out of reach of children.

Keep the container tightly closed in a dry, well-ventilated place.

Keep away from food and drink, including those for animals.

Keep away from all sources of ignition - do not smoke.

Keep well away from all sources of ignition, heat and direct sunlight.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C.

### Packaging

Always keep in packaging made of an identical material to the original.

### 7.3. Specific end use(s)

No data available.

### SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

### Occupational exposure limits :

- European Union (2017/164/UE, 2009/161/UE, 2006/15/CE, 2000/39/CE, 98/24/CE)

CAS	VME-ma/m3 :	VME-ppm :	VLE-ma/m3 :	VLE-ppm :	Notes :
109-66-0	<b>J</b> <sup>1</sup>	F F	VEE mg/mo.		10003.
109-00-0	3000	1000	-	-	-
- ACGIH TLV (A	American Conference	of Governmental Ind	lustrial Hygienists, Th	reshold Limit Values,	2010) :
CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :

	SHEET (HCS, Annex	e D table D.1)			Version	6.1 (15-06-2017) - Pa	ge 5/10
C2 CHAIN LUB	E ROAD - 23301north	ame					
106-97-8	1000 ppm						
109-66-0	600 ppm						
	- AGW (BAuA - TRG	5 900 21/06/2010) ·					
CAS	VME :	VME :	Excess	Notes			
106-97-8		1000 ppm	EXOCOS	4(II)			
100 01 0		2400 mg/m3					
109-66-0		1000 ppm		2(II)			
		3000 mg/m3		-()			
- France (II	NRS - ED984 :2012) :	oooo nig/nio					
CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :	
106-97-8	800	1900	-	-	-	-	
109-66-0	1000	3000	-		-	84	
		e limits, EH40/2005, 2	-	-	-	04	
CAS	TWA :	STEL :		Definition :	Critoria :		
106-97-8	600 ppm	750 ppm	Ceiling :	Carc	Criteria :		
100-97-0	1450 mg/m3	1810 mg/m3		Carc			
Derived no e		derived minimum et	ffect level (DMFL):				
	DEC-9-ENYLAMINE (						
(Z)-OCTA		CAS 112-90-31					
( )		0,10,112,00,0)					
Final use	:	0,10,112,00,0)	Workers				
Final use Exposure	e: method:	0,10,112,00,0)	Inhalation.				
<b>Final use</b> Exposure Potential I	:	0,10,112,00,0)	Inhalation. Long term local	effects.			
Final use Exposure	e: method:		Inhalation.	effects.			
<b>Final use</b> Exposure Potential I	e: method:		Inhalation. Long term local	effects.			
Final use Exposure Potential I DMEL :	e: method:		Inhalation. Long term local	effects.			
Final use Exposure Potential I DMEL : Predicted no	e: method: nealth effects:	n (PNEC):	Inhalation. Long term local	effects.			
Final use Exposure Potential I DMEL : Predicted no (Z)-OCTA	e: method: nealth effects: effect concentration	n (PNEC):	Inhalation. Long term local	effects.			
Final use Exposure Potential I DMEL : Predicted no (Z)-OCTA	e: method: mealth effects: effect concentration DEC-9-ENYLAMINE (	n (PNEC):	Inhalation. Long term local 0.38 mg de subs Soil.	effects.			
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Final use Exposure Potential I DMEL : Predicted no (Z)-OCTA Environme PNEC :	e: method: nealth effects: effect concentration DEC-9-ENYLAMINE ( ental compartment:	n (PNEC):	Inhalation. Long term local 0.38 mg de subs Soil. 10 mg/kg	effects.			
Final use Exposure Potential I DMEL : Predicted no (Z)-OCTA Environme PNEC : Environme	e: method: mealth effects: effect concentration DEC-9-ENYLAMINE (	n (PNEC):	Inhalation. Long term local 0.38 mg de subs Soil. 10 mg/kg Fresh water.	effects.			
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Final use Exposure Potential I DMEL : Predicted no (Z)-OCTA Environme PNEC : Environme PNEC : Environme	e: method: nealth effects: effect concentration DEC-9-ENYLAMINE ( ental compartment:	n (PNEC):	Inhalation. Long term local 0.38 mg de subs Soil. 10 mg/kg Fresh water. 0.00026 mg/l Sea water.	effects.			
Final use Exposure Potential I DMEL : Predicted no (Z)-OCTA Environme PNEC : Environme PNEC :	e: method: health effects: effect concentration DEC-9-ENYLAMINE ( ental compartment:	n (PNEC):	Inhalation. Long term local 0.38 mg de subs Soil. 10 mg/kg Fresh water. 0.00026 mg/l	effects.			
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Final use Exposure Potential I DMEL : Predicted no (Z)-OCTA Environme PNEC : Environme PNEC : Environme PNEC : Environme PNEC : Environme	e: method: health effects: <b>o effect concentration</b> DEC-9-ENYLAMINE ( ental compartment: ental compartment:	n (PNEC):	Inhalation. Long term local 0.38 mg de subs Soil. 10 mg/kg Fresh water. 0.00026 mg/l Sea water. 0.00026 mg/l Intermittent was 0.55 mg/l Fresh water sed	effects. stance/m3 te water.			
Final use Exposure Potential I DMEL : Predicted no (Z)-OCTA Environme PNEC : Environme PNEC : Environme PNEC : Environme PNEC :	e: method: mealth effects: effect concentration DEC-9-ENYLAMINE ( ental compartment: ental compartment: ental compartment:	n (PNEC):	Inhalation. Long term local 0.38 mg de subs Soil. 10 mg/kg Fresh water. 0.00026 mg/l Sea water. 0.00026 mg/l Intermittent was 0.55 mg/l	effects. stance/m3 te water.			
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### 8.2. Exposure controls

#### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

### - Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

#### - Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN374

### - Body protection

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact. In the event of spraying, wear protective clothing against chemical risks and against sprayed liquid (type 4) in accordance with EN14605 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

#### - Respiratory protection

Avoid breathing vapours.

If the ventilation is insufficient, wear appropriate breathing apparatus.

When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Type of FFP mask :

Wear a disposable half-mask aerosol filter in accordance with standard EN149.

Category :

- FFP1

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A1 (Brown)

Particle filter according to standard EN143 :

- P1 (White)

#### **SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

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

#### General information :

Physical state :	Fluid liquid.			
	Spray.			
Important health, safety and environmental information				
pH :	Not relevant.			
Boiling point/boiling range :	130 °C.			
Vapour pressure (50°C) :	Below 110 kPa (1.10 bar).			
Density :	<1			
Water solubility :	Insoluble.			
Viscosity:	v < 7 mm2/s (40°C)			
Self-ignition temperature :	200 °C.			
Decomposition point/decomposition range :	200 °C.			
Chemical combustion heat :	>= 30 kJ/g.			

9.2. Other information

No data available.

### SECTION 10 : STABILITY AND REACTIVITY

#### 10.1. Reactivity

No data available.

#### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

#### 10.3. Possibility of hazardous reactions

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

#### 10.4. Conditions to avoid

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

#### Avoid :

- heating
- heat
- humidity
- accumulation of electrostatic charges.
- flames and hot surfaces

#### 10.5. Incompatible materials

- Keep away from :
- water
- strong oxidising agents

#### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO2)

#### **SECTION 11 : TOXICOLOGICAL INFORMATION**

#### 11.1. Information on toxicological effects

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness. Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

Narcotic effects may occur, such as drowsiness, narcosis, decreased alertness, loss of reflexes, lack of coordination or dizziness.

Effects may also occur in the form of violent headaches or nausea, judgement disorder, giddiness, irritability, fatigue or memory disturbance.

Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

### 11.1.1. Substances

### Acute toxicity :

(Z)-OCTADEC-9-ENYLAMINE (CAS: 112-90-3) Oral route :

300 < LD50 <= 2000 mg/kg Species : Rat

### 11.1.2. Mixture

#### Aspiration hazard :

May be fatal if swallowed and enters airways. Aspiration toxicity includes severe acute effects such as chemical pneumonia, varying degrees of pulmonary injury or death following aspiration.

#### **SECTION 12 : ECOLOGICAL INFORMATION**

he product must not be allowed to run into drains or waterways.
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#### 12.1. Toxicity

12.1.1. Substances	1	2.1	1.1.	Substances
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12.1.1. Substances	
(Z)-OCTADEC-9-ENYLAMINE (CAS: 112-90-3)	
Fish toxicity :	0.01 < LC50 <= 0.1 mg/l
	Factor M = 10
	Species : Pimephales promelas
	OCDE Ligne directrice 203 (Poisson, essai de toxicité aiguë)
Crustacean toxicity :	0.01 < EC50 <= 0.1 mg/l
	Factor M = 10
	Species : Daphnia magna
	OCDE Ligne directrice 202 (Daphnia sp., essai d'immobilisation immédiate)
Algae toxicity :	0.01 < ECr50 <= 0.1 mg/l
	Factor M = 10
	Species : Desmodesmus subspicatus

#### 12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

#### 12.2. Persistence and degradability

#### 12.2.1. Substances

(Z)-OCTADEC-9-ENYLAMINE (CAS: 112-90-3) Biodegradability :

Rapidly degradable.

#### 12.3. Bioaccumulative potential

#### 12.3.1. Substances

(Z)-OCTADEC-9-ENYLAMINE (CAS: 112-90-3) Bioaccumulation :

BCF >= 500.

#### 12.4. Mobility in soil

The product is insoluble in water and will spread on the surface

### 12.5. Results of PBT and vPvB assessment

No data available.

#### 12.6. Other adverse effects

Do not dispose of the product in the natural environment, effluents or surface waters.

#### **SECTION 13 : DISPOSAL CONSIDERATIONS**

The appropriate waste management of the mixture and/or its container must be determined in accordance with local regulations. Do not pierce of burn, even after usage.

#### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container. Give to a certified disposal contractor.

#### **SECTION 14 : TRANSPORT INFORMATION**

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2017 - IMDG 2016 - ICAO/IATA 2017).

#### 14.1. UN number

1950

#### 14.2. UN proper shipping name

UN1950=AEROSOLS, flammable

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

- Classification :



2.1

## 14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	2	5F	-	2.1	-	1 L	190 327	E0	2	D
							344 625			
IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ			
	2	See SP63	-	See SP277	F-D,S-U	63 190	E0			
						277 327				
						344 381				

SAFETY DATA SHEET (HCS, Annexe D table D.1
C2 CHAIN LUBE ROAD - 23301northame

						959			
IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	2.1	-	-	Forbidden	Forbidden	203	150 kg	A1 A145 A167 A802	E0
	2.1	-	-	Forbidden	Forbidden	-	-	A1 A145 A167 A802	E0

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG. For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

### **SECTION 15 : REGULATORY INFORMATION**

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

The following regulations have been used:

- OSHA Hazard Communication Standard 29 CFR 1910.1200

#### - Container information:

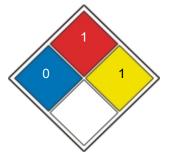
No data available.

#### - Particular provisions :

Total net weight of the aerosol (active 264 g

product + gas) :

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) : NFPA 704, Labelling: Health=0 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



- Clean Water Act : Toxic Pollutants (CWA 307A) Unlisted.
- Clean Water Act : Hazardous Substances (CWA 311) Unlisted.
- Clean Water Act : Hazardous Substances (CWA 304b) Unlisted.
- Clean Water Act : Priority Pollutants (CWA Priority) Unlisted.
- Clean Air Act : Hazardous Air Pollutants (CAA 112(b) HAP (188)) Unlisted.
- Clean Air Act : Organic Hazardous Air Pollutants National Emission Standards (CAA 112(b) HON (387)) Unlisted.
- Clean Air Act : Protection of Stratospheric Ozone (CAA 602) Unlisted.

- SARA 110	
CAS	Name
109-66-0	PENTANE
- SARA 302/304	
Unlisted.	
- SARA 313	
Unlisted.	
- California propositio	n 65 : Chemicals known to the state to cause cancer or reproductive toxicity
Unlisted.	
- Massachusetts : Righ	nt to Know

CAS Name

SAFETY DATA SHEET (HCS, Annexe D table C2 CHAIN LUBE ROAD - 23301northame		Version 6.1 (15-06-2017) - Page 10/10
CZ CHAIN LOBE ROAD - 2330 Monthame		
109-66-0	PENTANE	
- New Jersey : Right to Know		
CAS	Name	
109-66-0	PENTANE	
- Pennsylvania : Hazardous Substance		
CAS	Name	
109-66-0	PENTANE	
- Rhode Island : Hazardous substance list		
CAS	Name	
109-66-0	PENTANE	
- TSCA (Toxic Substances Control Act) - I	JSA	
CAS	Name	
112-90-3	(Z)-OCTADEC-9-ENYLAMINE	
109-66-0	PENTANE	
15.2. Chemical safety assessment		
No data available.		

#### **SECTION 16 : OTHER INFORMATION**

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### Wording of the phrases mentioned in section 3 :

H220	Extremely flammable gas.
H224	Extremely flammable liquid and vapour.
H226	Flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure .

#### Abbreviations :

DMEL : Derived Minimal Effect Level

PNEC : Predicted No-Effect Concentration

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

GHS02 : Flame

GHS07 : Exclamation mark

GHS08 : Health hazard

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

HCS : Hazard Communication standard (OSHA).