

# Safety Data Sheet

## Efka® PX 4787

Revision date : 2021/08/02

Version: 2.0

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(30701302/SDS\_GEN\_CA/EN)

### 1. Identification

#### Product identifier used on the label

**Efka® PX 4787**

#### Recommended use of the chemical and restriction on use

Recommended use\*: Dispersant in automotive coatings, Dispersant in automotive refinish coatings

Recommended use\*: Dispersant in automotive coatings; Dispersant in automotive refinish coatings

Unsuitable for use: Uses other than recommended

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

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

Company:

BASF Canada Inc.

5025 Creekbank Rd.

2nd Floor

Mississauga, ON L4W 5R2, CANADA

Telephone: +1 289 360-1300

#### Emergency telephone number

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: (800) 454-COPE (2673)

#### Other means of identification

Chemical family: additives, organic solvents

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### 2. Hazards Identification

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

#### Classification of the product

Flam. Liq.

3

Flammable liquids

STOT SE

3 (Vapours may cause drowsiness and dizziness.)

Specific target organ toxicity — single exposure

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Aquatic Acute	3	Hazardous to the aquatic environment - acute
Aquatic Chronic	3	Hazardous to the aquatic environment - chronic

### Label elements

Pictogram:



Signal Word:

Warning

Hazard Statement:

H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H402	Harmful to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P271	Use only outdoors or in a well-ventilated area.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves and eye protection or face protection.
P273	Avoid release to the environment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P243	Take action to prevent static discharges.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P240	Ground and bond container and receiving equipment.
P242	Use only non-sparking tools.

Precautionary Statements (Response):

P312	Call a POISON CENTER or physician if you feel unwell.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303 + P361 + P353	IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.
P370 + P378	In case of fire: Use foam or dry powder for extinction.

Precautionary Statements (Storage):

P233	Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Precautionary Statements (Disposal):

P501	Dispose of contents and container to hazardous or special waste collection point.
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### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

## 3. Composition / Information on Ingredients

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

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n-Butyl acetate

CAS Number: 123-86-4

Content (W/W): >= 25.0 - < 50.0%

Synonym: n-Butyl acetate

delta-valerolactone

CAS Number: 542-28-9

Content (W/W): >= 0.3 - < 1.0%

Synonym: .delta.-Valerolactone

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## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

Immediately remove contaminated clothing.

#### If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

#### If on skin:

Wash affected areas thoroughly with soap and water. Seek medical attention.

#### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

#### If swallowed:

Immediately rinse mouth and then drink 200 - 300 ml water, do not induce vomiting, seek medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

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

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

*Information on: n-Butyl acetate*

*Symptoms: Overexposure may cause: , unconsciousness, vomiting, weakness, coordination disorder, nausea, diarrhea, coughing, headache*

*Information on: delta-valerolactone*

*Symptoms: Overexposure may cause: , corneal injury, skin corrosion, severe pain, coughing, respiratory disorders, dyspnea, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

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

#### Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### 5. Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing media:  
dry powder, foam

Unsuitable extinguishing media for safety reasons:  
No data available.

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

Hazards during fire-fighting:  
harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

#### Advice for fire-fighters

Protective equipment for fire-fighting:  
Wear a self-contained breathing apparatus.

#### Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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### 6. Accidental release measures

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

Use personal protective clothing. Breathing protection required.

Can release flammable vapours. Wind direction should be noted. Avoid all sources of ignition: heat, sparks, open flame. Use antistatic tools.

#### Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

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

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

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### 7. Handling and Storage

#### Precautions for safe handling

Ensure thorough ventilation of stores and work areas.

Protection against fire and explosion:

Sources of ignition should be kept well clear. Take precautionary measures against static discharges. If delivered in plastic packing, highest permissible emptying temperature is 5 Kelvin below the flash point.

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

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Further information on storage conditions: Keep container tightly closed and in a cool place.

Protect from temperatures below: -5 °C

Protect from temperatures above: 60 °C

### 8. Exposure Controls/Personal Protection

#### Components with occupational exposure limits

n-Butyl acetate	ACGIH, US:	STEL value 150 ppm ;
	ACGIH, US:	TWA value 50 ppm ;
	OSHA Z1:	PEL 150 ppm 710 mg/m3 ;

#### **Advice on system design:**

Provide local exhaust ventilation to control vapours/mists.

#### **Personal protective equipment**

##### **Respiratory protection:**

Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapour/aerosol release. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

##### **Hand protection:**

Wear impervious gloves.

##### **Eye protection:**

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

##### **Body protection:**

Impermeable protective clothing

##### **General safety and hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice.

### 9. Physical and Chemical Properties

Form:	liquid	
Odour:	ester-like	
Odour threshold:	No applicable information available.	
Colour:	yellow to brownish	
pH value:	not determined	
solidification temperature:	-77 °C	(other)
	( 1.013 hPa)	
boiling temperature:	Information applies to the solvent.	
	124 - 128 °C	(other)
	( 1,013 hPa)	
Flash point:	Information applies to the solvent.	
	25 °C	
Flammability:	Information applies to the solvent.	
	Flammable.	

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Lower explosion limit:	1.2 %(V) The lower explosion point of the substance/mixture has been determined. The explosion point describes the temperature of a flammable liquid at which the concentration of the saturated vapour mixed with air equals the lower explosion limit. Information applies to the solvent.
Upper explosion limit:	7.6 %(V) The upper explosion point of the substance/mixture has been determined. This explosion point describes the temperature of a flammable liquid at which the concentration of the saturated vapour mixed with air equals the upper explosion limit. Information applies to the solvent.
Autoignition:	370 °C Information applies to the solvent.
Vapour pressure:	< 20 hPa ( 20 °C)
Density:	1.0276 g/cm3 (ISO 2811-3) ( 20 °C, 1.013 hPa) 0.9995 g/cm3 (ISO 2811-3) ( 50 °C, 1.013 hPa)
Relative density:	1.0276 ( 20 °C, 1.013 hPa) No data available.
Vapour density:	not determined
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures
Self-ignition temperature:	not self-igniting
Thermal decomposition:	not determined
Viscosity, dynamic:	1,684 mPa.s (DIN 53019) ( 23 °C)
Solubility in water:	not soluble
Solubility (quantitative):	insoluble
Solubility (qualitative):	soluble
Evaporation rate:	solvent(s): organic solvents, not determined

## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:  
not fire-propagating

### Chemical stability

The product is chemically stable.

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### Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.  
The product is chemically stable.

### Conditions to avoid

No conditions known that should be avoided.

### Incompatible materials

strong acids, strong oxidizing agents

### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

not determined

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## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

#### Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg (other)

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Inhalation

Type of value: LC50

Species: rat

Exposure time: 4 h

not determined

#### Dermal

Type of value: LD50

Species: rat

not determined

#### Assessment other acute effects

Assessment of STOT single:

Possible narcotic effects (drowsiness or dizziness).

#### Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin.

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### Skin

Species: rabbit

Result: non-irritant

Method: other

The product has not been tested. The statement has been derived from the properties of the individual components.

### Eye

Species: rabbit

Result: non-irritant

Method: other

The product has not been tested. The statement has been derived from the properties of the individual components.

### Aspiration Hazard

No aspiration hazard expected.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: The information available on the product provides no indication of toxicity on target organs after repeated exposure.

### Genetic toxicity

Assessment of mutagenicity: Based on the ingredients, there is no suspicion of a mutagenic effect.

### Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

### Reproductive toxicity

Assessment of reproduction toxicity: Based on the ingredients, there is no suspicion of a toxic effect on reproduction.

### Teratogenicity

Assessment of teratogenicity: Based on the ingredients, there is no suspicion of a teratogenic effect.

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## **12. Ecological Information**

### **Toxicity**

#### Toxicity to fish

LC50 (96 h) 10 - 100 mg/l, Fish (other, other)

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Aquatic invertebrates

LC50 (48 h), daphnia (other)

not determined

#### Aquatic plants

EC50 (72 h), algae (other)

not determined

#### Chronic toxicity to fish



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No data available.

### Chronic toxicity to aquatic invertebrates

No data available.

### **Microorganisms/Effect on activated sludge**

#### Toxicity to microorganisms

other

bacteria/EC50 (0.5 h):

not determined

### **Persistence and degradability**

#### Assessment biodegradation and elimination (H<sub>2</sub>O)

Product is not expected to be readily biodegradable. The product has not been tested.

### **Bioaccumulative potential**

#### Assessment bioaccumulation potential

The product has not been tested.

### **Mobility in soil**

#### Assessment transport between environmental compartments

No data available.

### **Additional information**

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice:

Do not discharge product into the environment without control.

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## **13. Disposal considerations**

### **Waste disposal of substance:**

Dispose of in accordance with national, state and local regulations.

### **Container disposal:**

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

WARNING: Empty containers may still contain hazardous residue.

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## **14. Transport Information**

### **Land transport**

TDG

Hazard class: 3

Packing group: III

ID number: UN 1123

Hazard label: 3

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Proper shipping name: BUTYL ACETATES SOLUTION

### Sea transport

IMDG

Hazard class: 3  
Packing group: III  
ID number: UN 1123  
Hazard label: 3  
Marine pollutant: NO  
Proper shipping name: BUTYL ACETATES SOLUTION

### Air transport

IATA/ICAO

Hazard class: 3  
Packing group: III  
ID number: UN 1123  
Hazard label: 3  
Proper shipping name: BUTYL ACETATES SOLUTION

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## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical DSL, CA released / listed

#### NFPA Hazard codes:

Health: 2 Fire: 3 Reactivity: 0 Special:

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## 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2021/08/02

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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