

Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 10.28.2021

Page 1 of 9

Yellow 147 UXD

SECTION 1: Identification

Product identifier

Product name: Yellow 147 UXD

Product code: EPPGP10-YL

Recommended use of the product and restriction on use

Relevant identified uses: Not determined or not applicable.

Uses advised against: Not determined or not applicable.

Reasons why uses advised against: Not determined or not applicable.

Manufacturer or supplier details

Manufacturer:

Canada

EcoPoxy Inc

Box 220

Morris, Manitoba R0G1K0

855-326-7699

info@ecopoxy.com

http:www.ecopoxy.com

Emergency telephone number:

ChemTel

ChemTel Inc

+1 813 248 0585 (24)

SECTION 2: Hazard identification

GHS classification: Not a hazardous substance or mixture

Label elements

Hazard pictograms: None

Signal Word: None

Hazard statements: None

Precautionary statements: None

Hazards not otherwise classified:

None

SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 25791-96-2	Glycerol, propoxylated	60-80
CAS number: 6358-31-2	2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide	10-20

Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 10.28.2021

Page 2 of 9

Yellow 147 UXD

CAS number: 13463-67-7	Titanium Dioxide	1-15
CAS number: 2786-76-7	4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide	0.1-1

Additional Information: None

SECTION 4: First-aid measures

Description of first-aid measures

General notes:

Not determined or not available.

After inhalation:

Not determined or not available.

After skin contact:

Not determined or not available.

After eye contact:

Not determined or not available.

After ingestion:

Not determined or not available.

Most important symptoms and effects, both acute and delayed

Acute symptoms and effects:

Not determined or not available.

Delayed symptoms and effects:

Not determined or not available.

Immediate medical attention and special treatment

Specific treatment:

Not determined or not available.

Notes for the doctor:

Not determined or not available.

SECTION 5: Fire-fighting measures

Extinguishing media

Suitable extinguishing media:

Not determined or not applicable.

Unsuitable extinguishing media:

Not determined or not applicable.

Specific hazards during fire-fighting:

Not determined or not applicable.

Special protective equipment for firefighters:

Not determined or not applicable.

Special precautions:

Not determined or not applicable.

Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 10.28.2021

Page 3 of 9

Yellow 147 UXD

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Not determined or not applicable.

Environmental precautions:

Not determined or not applicable.

Methods and material for containment and cleaning up:

Not determined or not applicable.

Reference to other sections:

Not determined or not applicable.

SECTION 7: Handling and storage

Precautions for safe handling:

Not determined or not applicable.

Conditions for safe storage, including any incompatibilities:

Not determined or not applicable.

SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
Alberta	Titanium Dioxide	13463-67-7	8-Hour TWA: 10 mg/m ³
British Columbia	Titanium Dioxide	13463-67-7	8-Hour TWA: 10 mg/m ³ (total dust)
	Titanium Dioxide	13463-67-7	8-Hour TWA: 3 mg/m ³ (respirable fraction)
Manitoba	Titanium Dioxide	13463-67-7	8-Hour TWA: 10 mg/m ³
Ontario	Titanium Dioxide	13463-67-7	8-Hour TWA: 10 mg/m ³
Quebec	Titanium Dioxide	13463-67-7	8-Hour TWA: 10 mg/m ³ (total dust)
Saskatchewan	Titanium Dioxide	13463-67-7	8-Hour TWA: 10 mg/m ³
	Titanium Dioxide	13463-67-7	15-Minute STEL: 20 mg/m ³

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Information on monitoring procedures:

Not determined or not applicable.

Appropriate engineering controls:

Not determined or not applicable.

Personal protection equipment

Eye and face protection:

Not determined or not applicable.

Skin and body protection:

Not determined or not applicable.

Respiratory protection:

Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 10.28.2021

Page 4 of 9

Yellow 147 UXD

Not determined or not applicable.

General hygienic measures:

Not determined or not applicable.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance (physical state, color):	Yellow liquid
Odor:	Mild
Odor threshold:	Not determined or not available.
pH-value:	Approx. 6
Melting/Freezing point:	Not determined or not available.
Boiling point/range:	>199°C (>390°F)
Flash point:	204 °C (399.2°F)
Evaporation rate:	Not determined or not available.
Flammability (solid, gaseous):	Not determined or not available.
Explosion limit upper:	Not determined or not available.
Explosion limit lower:	Not determined or not available.
Vapor pressure:	<0.0013 hPa (<0mm Hg) (<0.001 mm Hg)
Vapor density:	Not determined or not available.
Density:	1.14 g/cm ³ (9.51 lbs/gal)
Relative density:	Not determined or not available.
Solubilities:	Not determined or not available.
Partition coefficient (n-octanol/water):	Not determined or not available.
Auto/Self-ignition temperature:	Product is not self-igniting
Decomposition temperature:	Not determined or not available.
Dynamic viscosity:	12,200 + 3660 cP
Kinematic viscosity:	Not determined or not available.
Explosive properties	Product does not present an explosion hazard
Oxidizing properties	Non-oxidizing

SECTION 10: Stability and reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions:

None under normal conditions of use and storage.

Conditions to avoid:

None known.

Incompatible materials:

Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 10.28.2021

Page 5 of 9

Yellow 147 UXD

None known.

Hazardous decomposition products:

None known.

SECTION 11: Toxicological information

Acute toxicity

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

Product data: No data available.

Substance data:

Name	Route	Result
Titanium Dioxide	oral	LD50 Mouse: > 5000 mg/kg
	inhalation	LC50 Rat: 5.09 mg/L (4 hr)
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide	oral	LD50 Rat: >2000 mg/kg
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide	oral	LD50 Rat: >15000 mg/kg (Read-across substance)
	dermal	LD50 Rat: >5000 mg/kg

Skin corrosion/irritation

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

Product data:

No data available.

Substance data: No data available.

Serious eye damage/irritation

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

Product data:

No data available.

Substance data: No data available.

Respiratory or skin sensitization

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

Product data:

No data available.

Substance data: No data available.

Carcinogenicity

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

Product data: No data available.

Substance data:

Name	Species	Result
Titanium Dioxide	Not applicable.	Airborne, unbound particles of respirable size are known to cause cancer.

International Agency for Research on Cancer (IARC):

Name	Classification
Titanium Dioxide	Group 2B
Glycerol, propoxylated	Not Applicable

Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 10.28.2021

Page 6 of 9

Yellow 147 UXD

Name	Classification
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide	Not Applicable
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide	Not Applicable

National Toxicology Program (NTP):

Name	Classification
Titanium Dioxide	Not Applicable
Glycerol, propoxylated	Not Applicable
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide	Not Applicable
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide	Not Applicable

Germ cell mutagenicity

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

Product data:

No data available.

Substance data: No data available.

Reproductive toxicity

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

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (single exposure)

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

Product data:

No data available.

Substance data: No data available.

Specific target organ toxicity (repeated exposure)

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

Product data:

No data available.

Substance data: No data available.

Aspiration toxicity

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

Product data:

No data available.

Substance data: No data available.

Information on likely routes of exposure:

No data available.

Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

Other information:

No data available.

SECTION 12: Ecological information

Acute (short-term) toxicity

Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 10.28.2021

Page 7 of 9

Yellow 147 UXD

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

Product data: No data available.

Substance data:

Name	Result
Glycerol, propoxylated	Fish LC50 <i>Leuciscus idus</i> : >1000 mg/L (96 hours)
	Aquatic Invertebrates EC50 <i>Daphnia magna</i> : >100 mg/L (48 hours)
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide	Fish EC50 <i>Danio rerio</i> : >100 mg/L (96 hours)
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide	Fish LC50 <i>Oryzias latipes</i> : >100 mg/L (96 hours)
	Aquatic Invertebrates EC50 <i>Daphnia magna</i> : >100 mg/L (48 hours)

Chronic (long-term) toxicity

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

Product data: No data available.

Substance data:

Name	Result
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide	Aquatic Invertebrates EC50 <i>Daphnia magna</i> : >30 mg/L (21 days)
	Aquatic Invertebrates NOEC <i>Daphnia magna</i> : 30 mg/L (21 days)

Persistence and degradability

Product data: No data available.

Substance data:

Name	Result
Titanium Dioxide	Degradation/biodegradation testing is not relevant for metals and metal compounds that are not (bio)degradable, including titanium dioxide.
Glycerol, propoxylated	The substance is not readily biodegradable (30-40% degradation after 28 days, no further degradation even after 40 days).
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide	Not readily biodegradable (1% degradation in 28 day).
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide	Not readily biodegradable (Read-across substance had 0% degradation in 28 days).

Bioaccumulative potential

Product data: No data available.

Substance data: No data available.

Mobility in soil

Product data: No data available.

Substance data:

Name	Result
Glycerol, propoxylated	Koc at 20°C: 10

Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 10.28.2021

Page 8 of 9

Yellow 147 UXD

Results of PBT and vPvB assessment

Product data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance data:

PBT assessment:

Glycerol, propoxylated	The substance is not PBT.
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide	The substance is not PBT.

vPvB assessment:

Glycerol, propoxylated	The substance is not vPvB.
2-[(2-methoxy-4-nitrophenyl)azo]-N-(2-methoxyphenyl)-3-oxobutyramide	The substance is not vPvB.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

Contaminated packages:

Not determined or not applicable.

SECTION 14: Transport information

Canadian Transportation of Dangerous Goods (TDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

International Maritime Dangerous Goods (IMDG)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

Safety Data Sheet

According to Canadian Hazardous Products Regulations and WHMIS 2015

Initial preparation date: 10.28.2021

Page 9 of 9

Yellow 147 UXD

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk Name	None
Ship type	None
Pollution category	None

SECTION 15: Regulatory information

Canada regulations

Domestic substances list (DSL): All ingredients are listed or exempt.

Non-domestic substances list (NDSL): None of the ingredients are listed.

SECTION 16: Other information

Abbreviations and Acronyms: None

Disclaimer:

This product has been classified in accordance with the Canadian Hazardous Products Regulations and WHMIS 2015. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

Initial preparation date: 10.28.2021

End of Safety Data Sheet