

# SAFETY DATA SHEET

# 1. Identification

GHS product identifier	UVgel 460 ink White
Other means of identification Article Number	1070125789,1070124421
Other means of identification	
Product code	6125C001AA, 6125C002AA
Recommended use of the chemi Recommended use	cal and restrictions on use Inkjet printing ink.
<b>Recommended restrictions</b>	Other uses not recommended.
Manufacturer/Importer/Supplier/	Distributor information
Supplier	Canon Marketing (Philippines), Inc.
Address	7/F Commerce & Industry Plaza
	1030 Campus Ave Corner Park Ave
	McKinley
City	Hill Fort Bonifacio, Tahuig City 1634
Country	Philippines
Telephone number	
E-mail address	sds-hq@oce.com
Emergency telephone number	
NCEC Service	+63 2 8231 2149 For chemical emergencies only.

# 2. Hazard(s) identification

Physical hazards	Not classified.		
Health hazards	Skin corrosion/irritation	Category 2	
	Serious eye damage/eye irritation	Category 2	
	Sensitization, skin	Category 1	
	Carcinogenicity	Category 2	
Environmental hazards	Hazardous to the aquatic environment, long-term hazard	Category 2	
Label elements			
	$\land$ $\land$ $\land$		
Signal word	Warning		
Hazard statement			
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H319	Causes serious eye irritation.		
H351	Suspected of causing cancer.		
H411	Toxic to aquatic life with long lasting effects.		
Precautionary statement			
Prevention			
P273	Avoid release to the environment.		
	Wear protective gloves and eye/face protection.		
P280	1 5 5 1		
Response			
<b>Response</b> P302 + P352	IF ON SKIN: Wash with plenty of water.		
<b>Response</b> P302 + P352 P305 + P351 +	IF ON SKIN: Wash with plenty of water.		
<b>Response</b> P302 + P352	IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for	r several minutes. Remove contact lenses, if present	
<b>Response</b> P302 + P352 P305 + P351 +	IF ON SKIN: Wash with plenty of water.	r several minutes. Remove contact lenses, if present	

Disposal	Not available.
Other hazards which do not result in classification	The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Supplemental information	Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
National/local information	Not available

## 3. Composition/information on ingredients

Mixtures

wintures			
Chemical identity	Common name and synonyms	CAS number	%
(5-Ethyl-1,3-dioxan-5-yl)methyl acrylate		66492-51-1	40 - < 60
Polymer		Proprietary	10 - < 30
Titanium dioxide		13463-67-7	10 - < 30
2-Propenoic acid, 1,6-hexanediyl ester, polymer with 2-aminoethanol		67906-98-3	1 - < 5
Alcohol		Proprietary	1 - < 5
Trimethylolpropane triacrylate		15625-89-5	1 - < 5
2-Propenoic acid, reaction products with 2,2'-[oxybis(methylene)]bis[2-ethyl- 1,2-propanediol]		1393932-71-2	1 - <2.5
HEXAMETHYLENE DIACRYLATE (HDDA)		13048-33-4	< 1
Phenylbis(2,4,6-trimethylbenzoyl) phosphine-oxide		162881-26-7	< 1
2-Phenoxyethyl acrylate		48145-04-6	< 0.25

#### 4. First-aid measures Move to fresh air. Call a physician if symptoms develop or persist. Inhalation Remove contaminated clothing immediately and wash skin with soap and water. In case of Skin contact eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Ingestion Rinse mouth. Get medical attention if symptoms occur. Most important Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. symptoms/effects, acute and Rash. delayed Indication of immediate Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed. medical attention and special treatment needed General information IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

0 0	
Suitable extinguishing media	Use extinguishing agent suitable for type of surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Not applicable.
Special protective equipment and precautions for firefighters	Wear suitable protective equipment.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures			
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.		
Methods and materials for containment and cleaning up	Prevent entry into waterways, sewer, basements or confined areas. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.		
	<ul> <li>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</li> <li>Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.</li> </ul>		
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.		
7. Handling and storage			
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.		
Conditions for safe storage, including any incompatibilities	Store locked up. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).		

## 8. Exposure controls/personal protection

## **Occupational exposure limits**

Components	Туре	Value	
Titanium dioxide (CAS 13463-67-7)	TWA	15 mg/m3	
iological limit values	No biological exposure limits noted for the ingredient(s).		
ppropriate engineering ontrols	Provide adequate ventilation. See operator manual or safety data sheet of the printer.		
dividual protection measure	s, such as personal protective equip	ment	
Eye/face protection	If contact is likely, safety glasses with side shields are recommended.		
Skin protection			
Hand protection	Wear appropriate chemical resistan	t gloves.: Ansell Microflex ® 93-260 (240 minutes)	
Other	No special protective equipment required.		
Respiratory protection	Not required during normal intended use of this product.		
Thermal hazards	Not normally needed.		
eneral hygiene onsiderations	measures, such as washing after has smoking. Routinely wash work clot	equirements. Always observe good personal hygiene andling the material and before eating, drinking, and/or hing and protective equipment to remove contaminants. not be allowed out of the workplace.	

# 9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Colour	White.
Odour	Very faint.
Odour threshold	Not available.
рН	Not applicable
Melting point/freezing point	Not available.

luitial bailing paint and bailing	Net eveileble
Initial boiling point and boiling range	Not available
Flash point	139.0 °C (282.2 °F)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Explosive limit - lower ( %)	Not applicable
Explosive limit – upper (%)	Not applicable
Vapour pressure	<70 mbar at 70 C
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	300 °C (572 °F)
Decomposition temperature	Not available.
Viscosity	> 190 - < 250 mPa·s at 17 C 12.5 mPa·s at 70 C
Other information	
Density	1.25 g/cm3 at 25 C 1.20 g/cm3 at 70
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
VOC	3.24 % 2010/75/EU 0 % Switzerland

# 10. Stability and reactivity

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Chemical stability	Material is stable under normal conditions.		
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.		
Conditions to avoid	Contact with incompatible materials.		
Incompatible materials	None known.		
Hazardous decomposition products	No hazardous decomposition products are known.		
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.		
11. Toxicological inform	ation		

## **11.** Toxicological information

Information on likely routes of	exposure			
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.			
Skin contact	Causes skin irritation. May cause an allergic skin reaction.			
Eye contact	Causes serious eye irritation.			
Ingestion	Health injuries are not known or expected under normal use.			
Symptoms related to the physical, chemical and toxicological characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.			
Information on toxicological ef	fects			

#### Information on toxicological effects

Acute toxicity

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

Components	Species	Test Results	
(5-Ethyl-1,3-dioxan-5-yl)m	nethyl acrylate (CAS 66492-51-1)		
Acute			
Dermal			
LD50	Rabbit	> 2000 mg/kg	
Oral			
LD50	Rat	> 2000 mg/kg	

Components	Species		Test Results
2-Phenoxyethyl acrylate (CAS	48145-04-6)		
Acute			
Oral			"
LD50	Rat		5000 mg/kg
	lucts with 2,2'-[oxybis(methylene)]	bis[2-ethyl-1,2-propaned	diol] (CAS 1393932-71-2)
Acute			
Dermal	Det		
LD50	Rat		> 2000 mg/kg, 24 Hours
Inhalation			
<i>Vapour</i> LC50	Rat		> 0.41 mg/l, 7 Hours read across
Oral			
LD50	Rat		> 5000 mg/kg OECD401
	ATE (HDDA) (CAS 13048-33-4)		
Acute	(TE (TDDA) (CAS 13046-33-4)		
Dermal			
LD50	Rabbit		3650 mg/kg, 24 Hours
Oral			
LD50	Rat		> 5000 mg/kg
	yl) phosphine-oxide (CAS 162881	-26-7)	
Acute		201)	
Dermal			
LD50	Rat		> 2000 ml/kg
Oral			
LD50	Rat		> 2000 mg/kg
Trimethylolpropane triacrylate (			
Acute			
Oral			
LD50	Rat		> 5000 mg/kg
Skin corrosion/irritation	Causes skin irritation.		0.0
Irritation Corrosion - HEXAMETHYLENE D		OECD 404	
		Result: Irritating	
(E Ethyl 1.2 diavan E	u) mathul ann data	Species: Rabbit OECD 404	
(5-Ethyl-1,3-dioxan-5-	yr)metnyl acrylate	Result: Irritating	
		Species: Rat	
Trimethylolpropane tri	acrylate	OECD 404	
		Result: Irritating Species: Rat	
2-Propenoic acid, read	ction products with	OECD 404	
2,2'-[oxybis(methylene	e)]bis[2-ethyl-1,2-propanediol]	Result: Not irritating	
Phenvlbis(2.4.6-trimet	hylbenzoyl) phosphine-oxide	Species: Rabbit OECD 404	
	5 571 1	Result: Not irritating	
		Species: Rabbit	
Serious eye damage/eye irritation	Causes serious eye irritation		
Eye			
(5-Ethyl-1,3-dioxan-5-	yl)methyl acrylate	EU B,5	
	, , , ,	Result: Not irritating	
HEXAMETHYLENE D		Species: Rabbit OECD 405	
HEXAMETHTEENE D	MACKTEATE (HDDA)	Result: Irritating	
		Species: Rabbit	
Phenylbis(2,4,6-trimet	hylbenzoyl) phosphine-oxide	OECD 405 Result: Not irritating	
		Species: Rabbit	
Trimethylolpropane tri	acrylate	Result: Irritating	

Irritation Corrosion - Eye Phenylbis(2,4,6-trimethylbenzoyl) phosphine-oxide OECD 405 Result: Not irritating		
2-Propenoic acid, reaction products with OECD405 2,2'-[oxybis(methylene)]bis[2-ethyl-1,2-propanediol] Result: Irritating		
Respiratory or skin sensitisation		
Respiratory sensitisation Not a respiratory sensitiser.		
Skin sensitisation May cause an allergic skin reaction.		
Skin Sensitisation		
Phenylbis(2,4,6-trimethylbenzoyl) phosphine-oxide OECD 406 Result: sensitising Species: Guinea pig		
HEXAMETHYLENE DIACRYLATE (HDDA) OECD 406, GMPT Result: sensitising Species: Guinea pig		
2-Propenoic acid, reaction products with OECD 429		
2,2'-[oxybis(methylene)]bis[2-ethyl-1,2-propanediol] Result: positive Species: Mouse		
(5-Ethyl-1,3-dioxan-5-yl)methyl acrylate OECD 429 Result: sensitising Severity: EC3=2,8%		
HEXAMETHYLENE DIACRYLATE (HDDA) OECD 429, LLNA Result: sensitising Species: Mouse Severity: EC3 = 0,9% Result: sensitising Species: Human		
Trimethylolpropane triacrylate Result: sensitising		
Species: Human		
<b>Germ cell mutagenicity</b> No data available to indicate product or any components present mutagenic or genotoxic.	at greater than 0.1% are	
Germ cell mutagenicity: Ames test		
(5-Ethyl-1,3-dioxan-5-yl)methyl acrylate OECD 471		
Result: Negative.		
Phenylbis(2,4,6-trimethylbenzoyl) phosphine-oxide OECD 471 Result: Negative.		
2-Propenoic acid, reaction products with OECD 471		
2,2'-[oxybis(methylene)]bis[2-ethyl-1,2-propanediol] Result: positive		
HEXAMETHYLENE DIACRYLATE (HDDA) OECD 471, In vitro		
Result: Negative		

**Result: Negative** 

OECD 473. In vitro Result: positive

**OECD 473** Result: Negative.

**OECD 474** Result: Negative.

**OECD 474** 

**OECD 476** Result: Negative.

**OECD 476** Result: Negative.

**OECD 476** Result: Negative. OECD 476, In vitro

Result: positive OECD 489, in vivo **Result: Negative** 

Result: Negative.

OECD 474, in vivo Result: Negative

OECD 487, In vitro **Result: Negative** 

Germ cell mutagenicity: Chromosome Aberration Phenylbis(2,4,6-trimethylbenzoyl) phosphine-oxide

Trimethylolpropane triacrylate

Germ cell mutagenicity: Micronucleus (5-Ethyl-1,3-dioxan-5-yl)methyl acrylate

2-Propenoic acid, reaction products with 2,2'-[oxybis(methylene)]bis[2-ethyl-1,2-propanediol] Trimethylolpropane triacrylate

HEXAMETHYLENE DIACRYLATE (HDDA)

Mutagenicity (5-Ethyl-1,3-dioxan-5-yl)methyl acrylate

HEXAMETHYLENE DIACRYLATE (HDDA)

Phenylbis(2,4,6-trimethylbenzoyl) phosphine-oxide

Trimethylolpropane triacrylate

Carcinogenicity

Suspected of causing cancer.

IARC Monographs. Over Titanium dioxide (CA Trimethylolpropane tr Philippines OELs: Carci Not listed.	S 13463-67-7) iacrylate (CAS	15625-89-5)	ty 2B Possibly carcinogenic to humans. 2B Possibly carcinogenic to humans.	
Reproductive toxicity	This prod	uct is not expected	to cause reproductive or developmental effects.	
<b>Developmental effe</b> (5-Ethyl-1,3-dioxan-5-		ate	OECD 414 Result: Negative. Species: Rat	
Phenylbis(2,4,6-trimethylbenzoyl) phosphine-oxide			OECD 414 Result: Negative. Species: Rat	
Trimethylolpropane triacrylate			OECD 422 Result: Negative Species: Rat	
Reproductivity				
Trimethylolpropane tr	iacrylate		OECD 422 Result: Negative Species: Rat	
(5-Ethyl-1,3-dioxan-5-yl)methyl acrylate			OECD 422 Result: Negative.	
HEXAMETHYLENE DIACRYLATE (HDDA)			OECD 422 Result: Negative. Species: Rat	
2-Propenoic acid, reaction products with 2,2'-[oxybis(methylene)]bis[2-ethyl-1,2-propanediol]			OECD 422, (similar product) Result: Negative. Species: Rat	
Phenylbis(2,4,6-trimethylbenzoyl) phosphine-oxide		OECD414 Result: Negative.		
Specific target organ toxicity single exposure	<b>y -</b> Not class	ified.		
Specific target organ toxicity repeated exposure	<b>/ -</b> Not class	ified.		
HEXAMETHYLENE DIAC	·		OECD 422 Result: Negative. Species: Rat Result: Negative.	
			Species: Rat Test Duration: 90 d	
Aspiration hazard	Not an as	piration hazard.		
Chronic effects	Not availa	able.		
12. Ecological informa	tion			
Ecotoxicity	Toxic to a	aquatic life with lon	g lasting effects.	
Components		Species	Test Results	
(5-Ethyl-1,3-dioxan-5-yl)m Aquatic Acute	ethyl acrylate (	CAS 66492-51-1)		
Algae	EC50	Algae	34 mg/l, 72 h	
Crustacea	LC50	Daphnia	20 mg/l, 48 h	
	LC50	-		
Fish		Fish	4 mg/l, 96 h	<b>`</b>
2-Propenoic acid, reaction Aquatic Acute	i products with	2,2'-loxybis(methyl	lene)]bis[2-ethyl-1,2-propanediol] (CAS 1393932-71-2	)
Fish	LC50	Fish	1.2 mg/l, 96 h	
HEXAMETHYLENE DIAC				
Acute				
Algae	EC50	Algae	1.5 mg/l, 72 h	
Crustacea	LC50	Daphnia	2.6 mg/l, 48 h	
Fish	LC50	Fish	0.38 mg/l, 96 h	
Material name: UVgel 460 ink Wh	nite			SDS PHILIPPINE

Chronic		Species		Test Results
Algae	NOEC	Algae		0.5 mg/l, 21 d
Crustacea	NOEC	Daphnia		0.14 mg/l, 21 d
Phenylbis(2,4,6-trimeth	ylbenzoyl) phosph	ine-oxide (CAS 16	2881-26-7)	
Aquatic				
Acute				
Algae	EC50	Algae		0.26 mg/l, 72 h Supersaturated suspension
Crustacea	LC50	Daphnia		1.1 mg/l, 48 h Supersaturated suspension
Fish	LC50	Fish		> 90 µg/l, 96 h Supersaturated suspension
Chronic				
Crustacea	NOEC	Crustacea		8.1 μg/l, 21 d
Titanium dioxide (CAS	13463-67-7)			
Aquatic				
Acute				
Crustacea	EC50	Water flea (E	Daphnia magna)	> 1000 mg/l, 48 hours
Fish	LC50	Mummichog	(Fundulus heteroclitus)	> 1000 mg/l, 96 hours
Trimethylolpropane tria Aquatic Acute				
Algae	EC50	Algae		> 4.9 - < 14.5 mg/l, 96 h
Crustacea	EC50	Invertebrates	s (Invertebrates)	19.9 mg/l, 48 h
Fish	LC50	Fish		0.87 mg/l, 96 h
sistence and degradab Biodegradability Percent Degradat (5-Ethyl-1,3-dioxan	ion (Aerobic Bioc	•	OECD 301B Result: 28	
	HEXAMETHYLENE DIACRYLATE (HDDA)			
		IDDA)	60 - 70 % OECD 310	
accumulative potential		·		
accumulative potential Octanol/water partitio (5-Ethyl-1,3-dioxan HEXAMETHYLEN Phenylbis(2,4,6-trir Trimethylolpropane Bioconcentration fact 2-Propenoic acid, r	n coefficient log h-5-yl)methyl acryla E DIACRYLATE (H methylbenzoyl) pho e triacrylate or reaction products v	<b>Kow</b> ate IDDA) osphine-oxide vith		
accumulative potential Octanol/water partitio (5-Ethyl-1,3-dioxan HEXAMETHYLEN Phenylbis(2,4,6-trir Trimethylolpropane Bioconcentration fact	n coefficient log h-5-yl)methyl acryla E DIACRYLATE (H methylbenzoyl) pho e triacrylate or reaction products v ene)]bis[2-ethyl-1,	<b>Kow</b> ate IDDA) osphine-oxide vith 2-propanediol]	60 - 70 % OECD 310 > 1.9 2.81, Log Kow 5.8 > 3.3	
accumulative potential Octanol/water partitio (5-Ethyl-1,3-dioxan HEXAMETHYLEN Phenylbis(2,4,6-trir Trimethylolpropane Bioconcentration fact 2-Propenoic acid, r 2,2'-[oxybis(methyl	n coefficient log h-5-yl)methyl acryla E DIACRYLATE (H methylbenzoyl) pho e triacrylate or reaction products v ene)]bis[2-ethyl-1,	Kow ate IDDA) osphine-oxide vith 2-propanediol] osphine-oxide	60 - 70 % OECD 310 > 1.9 2.81, Log Kow 5.8 > 3.3 388 % v/w	
accumulative potential Octanol/water partitio (5-Ethyl-1,3-dioxan HEXAMETHYLEN Phenylbis(2,4,6-trir Trimethylolpropane Bioconcentration fact 2-Propenoic acid, r 2,2'-[oxybis(methyl Phenylbis(2,4,6-trir bility in soil Adsorption	n coefficient log I-5-yl)methyl acryla E DIACRYLATE (H methylbenzoyl) pho e triacrylate or reaction products v ene)]bis[2-ethyl-1, methylbenzoyl) pho No data a	Kow ate IDDA) osphine-oxide vith 2-propanediol] osphine-oxide	60 - 70 % OECD 310 > 1.9 2.81, Log Kow 5.8 > 3.3 388 % v/w	
accumulative potential Octanol/water partitio (5-Ethyl-1,3-dioxan HEXAMETHYLEN Phenylbis(2,4,6-trir Trimethylolpropane Bioconcentration fact 2-Propenoic acid, r 2,2'-[oxybis(methyl Phenylbis(2,4,6-trir bility in soil Adsorption Soil/Sediment Soi	n coefficient log I-5-yl)methyl acryla E DIACRYLATE (H methylbenzoyl) pho e triacrylate or reaction products v ene)]bis[2-ethyl-1, methylbenzoyl) pho No data a	Kow ate IDDA) osphine-oxide vith 2-propanediol] osphine-oxide vailable.	60 - 70 % OECD 310 > 1.9 2.81, Log Kow 5.8 > 3.3 388 % v/w < 5	
accumulative potential Octanol/water partitio (5-Ethyl-1,3-dioxan HEXAMETHYLEN Phenylbis(2,4,6-trir Trimethylolpropane Bioconcentration fact 2-Propenoic acid, r 2,2'-[oxybis(methyl Phenylbis(2,4,6-trir bility in soil Adsorption Soil/Sediment Soi HEXAMETHYLEN	n coefficient log I-5-yl)methyl acryla E DIACRYLATE (H methylbenzoyl) pho e triacrylate or reaction products v ene)]bis[2-ethyl-1, methylbenzoyl) pho No data a rption - Log Koc E DIACRYLATE (H	Kow ate IDDA) osphine-oxide vith 2-propanediol] osphine-oxide vailable. IDDA)	60 - 70 % OECD 310 > 1.9 2.81, Log Kow 5.8 > 3.3 388 % v/w < 5 2.1	
accumulative potential Octanol/water partitio (5-Ethyl-1,3-dioxan HEXAMETHYLEN Phenylbis(2,4,6-trir Trimethylolpropane Bioconcentration fact 2-Propenoic acid, r 2,2'-[oxybis(methyl Phenylbis(2,4,6-trir bility in soil Adsorption Soil/Sediment Soi	n coefficient log I-5-yl)methyl acryla E DIACRYLATE (H methylbenzoyl) pho e triacrylate or reaction products v ene)]bis[2-ethyl-1, methylbenzoyl) pho No data a rption - Log Koc E DIACRYLATE (H	Kow ate IDDA) osphine-oxide vith 2-propanediol] osphine-oxide vailable. IDDA)	60 - 70 % OECD 310 > 1.9 2.81, Log Kow 5.8 > 3.3 388 % v/w < 5	

# 13. Disposal considerations

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Dispose in accordance with all applicable regulations.
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
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6125C001AA, 6125C002AA Version #: 4.2 Revision date: 12-December-2023 Issue date: 13-January-2023

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

# 14. Transport information

14. Transport information	
ADR	
UN number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
en proper empping name	((5-Ethyl-1,3-dioxan-5-yl)methyl acrylate, Trimethylolpropane triacrylate)
Transport hazard class(es)	
Class	9
Subsidiary risk	-
Label(s)	9
Hazard No. (ADR)	90
Tunnel restriction code	E
Packing group	
Environmental hazards	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
RID	
UN number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
	((5-Ethyl-1,3-dioxan-5-yl)methyl acrylate, Trimethylolpropane triacrylate)
Transport hazard class(es)	
Class	9
Subsidiary risk	-
Label(s)	9
Packing group	III
Environmental hazards	Yes
	Read safety instructions, SDS and emergency procedures before handling.
ΙΑΤΑ	
UN number	UN3082
UN proper shipping name	Environmentally hazardous substance, liquid, n.o.s. ((5-Ethyl-1,3-dioxan-5-yl)methyl acrylate,
	TRIMETHYLOLPROPANE TRIACRYLATE)
Transport hazard class(es)	
Class	9
Subsidiary risk	-
Packing group	
Environmental hazards	Yes 9L
ERG Code	SL Read safety instructions, SDS and emergency procedures before handling.
Other information	Read salety instructions, SDS and emergency procedures before nandling.
	Allowed with restrictions
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
IMDG	Allowed with restrictions.
UN number	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
on proper snipping name	((5-Ethyl-1,3-dioxan-5-yl)methyl acrylate, TRIMETHYLOLPROPANE TRIACRYLATE), MARINE
	POLLUTANT
Transport hazard class(es)	
Class	9
Subsidiary risk	-
Packing group	III
Environmental hazards	
Marine pollutant	Yes
EmS	F-A, S-F
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	Not established.
Annex II of MARPOL 73/78 and	
the IBC Code	

### ADR; IATA; IMDG; RID



## Marine pollutant



**General information** 

IMDG Regulated Marine Pollutant.

## 15. Regulatory information

### Safety, health and environmental regulations specific for the product in question

CCO Chemical List

Not regulated.

Controlled Precursors & Essential Chemicals (Comprehensive Dangerous Drugs Act of 2002 (Republic Act 9165), as amended thru Dangerous Drugs Board Regulations)

#### Not listed.

Narcotic and Psychotropic Substances (Comprehensive Dangerous Drugs Act of 2002 (Republic Act 9165), as amended Not listed.

Ozone Depleting Substances (ODS) (Chemical Control Order, DENR Admin. Order No. 2013-25)

Not regulated.

Priority Chemical List (PCL) (DENR Administrative Order No. 98-58)

Not regulated.

### International regulations

**Stockholm Convention** 

Not applicable.

**Rotterdam Convention** 

Not applicable.

**Montreal Protocol** 

Not applicable.

Kyoto Protocol

Not applicable.

**Basel Convention** 

Not applicable.

## 16. Other information

13-January-2023
12-December-2023
4.2
The information in this Safety Data Sheet is based on the present state of knowledge and current legislation and is believed to be accurate. It provides guidance on health, safety and environmental aspects of the product and should neither be construed as any guarantee of specific properties nor of technical performance or suitability for particular applications. The product should not be used for purposes other than those shown in Section 1. This document was prepared to the requirements of the jurisdiction in Section 1 and may not meet regulatory requirements in other countries or territories. The information contained in this safety data sheet does not replace the user's own assessment of workplace risks, as required by applicable health and safety legislation.
Product and Company Identification: Material Articles Composition / Information on Ingredients: Disclosure Overrides Toxicological information: Carcinogenicity