

Safety Data Sheet**BLEND ACRYLIC THINNER (C)**

Version 1.1

Revision Date: 11/30/2021

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**Product name** : BLEND ACRYLIC THINNER (C)**Recommended use of the chemical and restrictions on use**

Recommended use : Reserved for industrial and professional use.

Manufacturer or supplier's details**Company** : Univar Solutions México, S. de R.L. de C.V.
Address : Av. Xola, número 535, piso 2, Col. Del Valle Norte
Deleg. Benito Juárez CP 03103
Ciudad de México
Mexico**Emergency telephone number:**

Transport North America: CHEMTREC (1-800-424-9300)

CHEMTREC INTERNATIONAL Tel # 703-527-3887

SETIQ 800 00 214 00 / 55 55 59 15 88

Additional Information: : Responsible Party: Product Compliance Department
E-Mail: SDSLA@univarsolutions.com
SDS Requests: 55 1107 0170
Website: www.univarsolutions.com**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Flammable liquids : Category 2

Acute toxicity (Oral) : Category 5

Acute toxicity (Inhalation) : Category 4

Acute toxicity (Dermal) : Category 5

Skin irritation : Category 2

Eye irritation : Category 2A

Reproductive toxicity : Category 2

Specific target organ toxicity : Category 3 (Respiratory system, Central nervous system)
- single exposureSpecific target organ toxicity : Category 2 (Central nervous system, Kidney, Liver)
- repeated exposureSpecific target organ toxicity : Category 2 (Auditory system, Eyes)
- repeated exposure (Inhalation)

Aspiration hazard : Category 1

Short-term (acute) aquatic hazard : Category 2

Long-term (chronic) aquatic : Category 3

Safety Data Sheet

BLEND ACRYLIC THINNER (C)

Version 1.1

Revision Date: 11/30/2021

hazard

GHS label elements

Hazard pictograms



Signal word

: Danger

Hazard statements

: H225 Highly flammable liquid and vapour.
H303 + H313 May be harmful if swallowed or in contact with skin.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H361 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs (Central nervous system, Kidney, Liver) through prolonged or repeated exposure.
H373 May cause damage to organs (Auditory system, Eyes) through prolonged or repeated exposure if inhaled.
H401 Toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

: **Prevention:**
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, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water

Safety Data Sheet**BLEND ACRYLIC THINNER (C)**

Version 1.1

Revision Date: 11/30/2021

for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell.

P331 Do NOT induce vomiting.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

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.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

This SDS was prepared according to NOM-018-STPS-2015.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

CAS-No.	Chemical name	Weight percent
108-88-3	Toluene	30 - 50
1330-20-7	Mixed xylenes	30 - 50
108-10-1	Methyl isobutyl ketone	10 - 20
100-41-4	**Ethylbenzene	10 - 20
111-76-2	2-Butoxy ethanol	10 - 20

Any concentration shown as a range is due to batch variation.

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Symptoms of poisoning may appear several hours later.
Do not leave the victim unattended.
- If inhaled : Consult a physician after significant exposure.
If unconscious, place in recovery position and seek medical advice.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and water.
If symptoms persist, call a physician.
Wash contaminated clothing before re-use.
- In case of eye contact : Immediately flush eye(s) with plenty of water.

Safety Data Sheet

BLEND ACRYLIC THINNER (C)

Version 1.1

Revision Date: 11/30/2021

If swallowed	Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
	: Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.
Most important symptoms and effects, both acute and delayed	: None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	: Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	: High volume water jet
Specific hazards during fire-fighting	: Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	: Carbon oxides Unburned hydrocarbons Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).
Specific extinguishing methods	: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental precautions	: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Safety Data Sheet

BLEND ACRYLIC THINNER (C)

Version 1.1

Revision Date: 11/30/2021

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.

Advice on safe handling : Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.

Hygiene measures : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

Conditions for safe storage : No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

CAS-No.	Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
108-88-3	Toluene	LMPE-PPT	50 ppm 188 mg/m3	MX OEL
		VLE-PPT	20 ppm	NOM-010-STPS-2014
		TWA	20 ppm	ACGIH
1330-20-7	Mixed xylenes	VLE-PPT	100 ppm	NOM-010-STPS-2014
		VLE-CT	150 ppm	NOM-010-STPS-2014

Safety Data Sheet

BLEND ACRYLIC THINNER (C)

Version 1.1

Revision Date: 11/30/2021

		TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH
108-10-1	Methyl isobutyl ketone	LMPE-PPT	50 ppm 205 mg/m3	MX OEL
		LMPE-CT	75 ppm 307 mg/m3	MX OEL
		VLE-PPT	20 ppm	NOM-010-STPS-2014
		VLE-CT	75 ppm	NOM-010-STPS-2014
		TWA	20 ppm	ACGIH
		STEL	75 ppm	ACGIH
100-41-4	**Ethylbenzene	LMPE-PPT	100 ppm 435 mg/m3	MX OEL
		LMPE-CT	125 ppm 545 mg/m3	MX OEL
		VLE-PPT	20 ppm	NOM-010-STPS-2014
		TWA	20 ppm	ACGIH
111-76-2	2-Butoxy ethanol	LMPE-PPT	26 ppm 120 mg/m3	MX OEL
		LMPE-CT	75 ppm 360 mg/m3	MX OEL
		VLE-PPT	20 ppm	NOM-010-STPS-2014
		TWA	20 ppm	ACGIH

Personal protective equipment

- Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
- Filter type : Organic vapour type
In the case of vapour formation use a respirator with an approved filter.

Hand protection

- Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

- Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

- Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : liquid
- Colour : Characteristic
- Odour : characteristic
- Odour Threshold : No data available
- pH : No data available

Safety Data Sheet**BLEND ACRYLIC THINNER (C)**

Version 1.1

Revision Date: 11/30/2021

Freezing point	: No data available
Boiling point	: No data available
Flash point	: 4 °C (39 °F) (for a component of this mixture)
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: ca. 0.85 - 0.90 g/cm ³ @ 20 °C (68 °F)
Water solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Vapours may form explosive mixture with air.
Conditions to avoid	: Keep away from heat, flame, sparks and other ignition sources.
Incompatible materials	: Acids Aldehydes aluminum Bases halogens hydrogen peroxide Metals Nitrogen oxides (NO _x) Oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Components:****1330-20-7:**

Acute inhalation toxicity	: LC50 (Rat, male): 6700 ppm Exposure time: 4 h
---------------------------	--

Safety Data Sheet**BLEND ACRYLIC THINNER (C)**

Version 1.1

Revision Date: 11/30/2021

Assessment: The component/mixture is moderately toxic after short term inhalation.

Acute dermal toxicity : LD50 (Rabbit): 1,700 mg/kg
Assessment: The component/mixture is moderately toxic after single contact with skin.

108-10-1:

Acute inhalation toxicity : LC50 (Rat): 11.6 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Assessment: The component/mixture is moderately toxic after short term inhalation.

111-76-2:

Acute inhalation toxicity : LC50 (Rat, male): 2.56 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Assessment: The component/mixture is moderately toxic after short term inhalation.

Skin corrosion/irritation**Components:****108-88-3:**

Species: Rabbit
Exposure time: 4 h
Result: Irritating to skin.

1330-20-7:

Species: Rabbit
Exposure time: 24 h
Result: Irritating to skin.

111-76-2:

Result: Irritating to skin.

Serious eye damage/eye irritation**Components:****108-88-3:**

Species: Rabbit
Result: Irritating to eyes.

1330-20-7:

Species: Rabbit
Result: Irritating to eyes.

108-10-1:

Species: Rabbit
Result: Irritating to eyes.

111-76-2:

Species: Rabbit

Safety Data Sheet**BLEND ACRYLIC THINNER (C)**

Version 1.1

Revision Date: 11/30/2021

Result: Irritating to eyes.

Germ cell mutagenicity**Components:****108-88-3:**

Germ cell mutagenicity - Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Carcinogenicity**Components:****108-88-3:**

Carcinogenicity - Assessment : No evidence of carcinogenicity in animal studies.

Reproductive toxicity**Components:****108-88-3:**

Effects on foetal development : Species: Rat
Application Route: inhalation (vapour)
Dose: 0, 250, 750, 1500, 3000 ppm
Duration of Single Treatment: 10 d
Frequency of Treatment: 6 hr/day
General Toxicity Maternal: NOAEC: 750 ppm
Developmental Toxicity: NOAEC: 750 ppm
Symptoms: Maternal toxicity, Reduced body weight, Skeletal malformations

Teratogenicity - Assessment : Some evidence of adverse effects on development, based on animal experiments.

Reproductive toxicity - Assessment : No toxicity to reproduction

STOT - single exposure**Components:****108-88-3:**

Exposure routes: Inhalation

Target Organs: Central nervous system

Assessment: May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

1330-20-7:

Assessment: May cause respiratory irritation.

108-10-1:

Target Organs: Respiratory system

Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

Safety Data Sheet**BLEND ACRYLIC THINNER (C)**

Version 1.1

Revision Date: 11/30/2021

STOT - repeated exposure**Components:****108-88-3:**

Exposure routes: Inhalation

Target Organs: Auditory system, Eyes

Assessment: May cause damage to organs through prolonged or repeated exposure., The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

1330-20-7:

Target Organs: Central nervous system, Kidney, Liver

Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Aspiration toxicity**Components:****108-88-3:**

May be fatal if swallowed and enters airways.

1330-20-7:

May be fatal if swallowed and enters airways.

Further information**Product:**

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Concentrations substantially above the TLV value may cause narcotic effects.

Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****108-88-3:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 5.5 mg/l
Exposure time: 96 h
Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates : LC50 (Ceriodaphnia dubia): 3.78 mg/l
Exposure time: 48 h
Test Type: Renewal

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0.74 mg/l
Exposure time: 7 d

Acute aquatic toxicity- Assessment : Toxic to aquatic life.

Chronic aquatic toxicity- Assessment : Harmful to aquatic life with long lasting effects.

Safety Data Sheet**BLEND ACRYLIC THINNER (C)**

Version 1.1

Revision Date: 11/30/2021

essment

Persistence and degradability**Components:****108-88-3:**

Biodegradability : aerobic
Inoculum: Sewage
Result: Readily biodegradable.
Biodegradation: 73 %
Exposure time: 5 d
Remarks: Readily biodegradable

1330-20-7:

Biodegradability : Inoculum: activated sludge
Result: Readily biodegradable.
Biodegradation: 72 %
Exposure time: 20 d

108-10-1:

Biodegradability : Inoculum: activated sludge
Result: Readily biodegradable.
Biodegradation: 83 %
Exposure time: 28 d

111-76-2:

Biodegradability : aerobic
Inoculum: Activated sludge, domestic, adaption not specified
Result: Readily biodegradable.
Biodegradation: 90.4 %
Exposure time: 28 d

Bioaccumulative potential**Components:****108-88-3:**

Bioaccumulation : Bioconcentration factor (BCF): 90

Partition coefficient: n-octanol/water : log Pow: 2.73 (20 °C)
pH: 7

108-10-1:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.

Safety Data Sheet**BLEND ACRYLIC THINNER (C)**

Version 1.1

Revision Date: 11/30/2021

Harmful to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION**DOT (Department of Transportation):**

UN1993, Flammable liquids, n.o.s., (TOLUENE, MIXED XYLENES), 3, II

MX-DG (Mexico Road Transportation):

UN1993, FLAMMABLE LIQUID, N.O.S., (TOLUENE, MIXED XYLENES), 3, II

IATA (International Air Transport Association):

UN1993, FLAMMABLE LIQUID, N.O.S., (TOLUENE, MIXED XYLENES) , 3, II, Flash Point:4 °C(39 °F)

IMDG (International Maritime Dangerous Goods):

UN1993, FLAMMABLE LIQUID, N.O.S., (TOLUENE, MIXED XYLENES), 3, II

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION**The components of this product are reported in the following inventories:**

TSCA : not determined

DSL : not determined

AICS : not determined

NZIoC : not determined

ENCS : not determined

KECI : not determined

PICCS : not determined

IECSC : not determined

Safety Data Sheet

BLEND ACRYLIC THINNER (C)

Version 1.1

Revision Date: 11/30/2021

SECTION 16. OTHER INFORMATION

Further information

Other information : The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Univar Solutions Product Compliance Department (55 1107 0170) SDSLA@univarsolutions.com.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text.

Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemi-	PEL	Permissible Exposure Limit

Safety Data Sheet

BLEND ACRYLIC THINNER (C)

Version 1.1

Revision Date: 11/30/2021

EINECS	chemicals Association European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50		Lethal Concentration 50%	