

SAFETY DATA SHEET

BLUM BLOOMING GEL

According to WHMIS 2015, EU Regulation (EC) No 1272/2008, US OSHA HCS 2012, and GHS Rev. 7&8

SECTION 1: IDENTIFICATION

1.1 Product identifier

BLUM Blooming Gel

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

Relevant identified uses: Professional nail enhancement hardener for use with nail base coat
Uses advised against: All other uses

1.3 Details of the supplier of the Safety Data Sheet

Initial Supplier:

Arch Rival Nails
3595 12th Ave, Port Alberni, BC Canada V9Y 4W9
E-mail: info@archrivalnails.com
Phone: 1-604-821-6829 (English- Business hours: 9 AM - 5 PM PST)

Responsible Department: Technical Regulatory Department

Emergency Contact:

Primary: 1-604-821-6829 (Business hours only)
Secondary: Poison Control Centre Canada: 1-844-POISON-X (1-844-764-7669) - 24/7
After hours: Contact local poison control center

Bilingual Availability Statement: This SDS is available in both English and French. Une FDS en français est disponible sur demande.

Note: For importers who modify products, the importer is legally considered the manufacturer under applicable regulations.

1.4 Emergency telephone number

See Section 1.3 above

SECTION 2: HAZARDS IDENTIFICATION

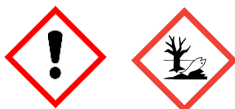
2.1 Classification of the substance or mixture

According to Regulation (EC) No 1272/2008 (CLP), US OSHA HCS 2012, and WHMIS 2015:

Skin Irritation, Category 2
Eye Irritation, Category 2
Skin Sensitization, Category 1
Aquatic Chronic, Category 2

2.2 Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements:

H315: Causes skin irritation
 H319: Causes serious eye irritation
 H317: May cause an allergic skin reaction
 H411: Toxic to aquatic life with long lasting effects

Precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray
 P264: Wash hands thoroughly after handling
 P272: Contaminated work clothing should not be allowed out of the workplace
 P273: Avoid release to the environment
 P280: Wear protective gloves/protective clothing/eye protection/face protection
 P302+P352: IF ON SKIN: Wash with plenty of water
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention
 P337+P313: If eye irritation persists: Get medical advice/attention
 P362+P364: Take off contaminated clothing and wash it before reuse
 P391: Collect spillage
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations

Contains: Isobornyl Methacrylate, 4-Acryloylmorpholine, Ethyl(2,4,6-trimethylbenzoyl)phenylphosphinate

2.3 Other hazards

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
 No endocrine disrupting properties identified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	EC Number	Concentration (%)	Classification (CLP)	M-factor
Acrylates Copolymer	25035-69-2	-	58.5	Not classified	-
Isobornyl Methacrylate	7534-94-3	231-403-1	22	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411	M=1
4-Acryloylmorpholine	5117-12-4	225-830-9	15	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317	-
Ethyl(2,4,6-trimethylbenzoyl)phenylphosphinate	84434-11-7	282-810-6	3	Skin Sens. 1, H317 Aquatic Chronic 2, H411	M=1
Hydroxycyclohexyl Phenyl Ketone	947-19-3	213-426-9	1	Skin Sens. 1B, H317	-
Dimethicone	9016-00-6	-	0.5	Not classified	-

Mixture Classification Calculations:

Skin/Eye Irritation Cat 2: 22% + 15% = 37% (â‰¥10% threshold) - Classified

Skin Sensitization Cat 1: 22% + 15% + 3% + 1% = 41% (â‰¥1% threshold) - Classified

Aquatic Chronic 2: 22% + 3% = 25% (â‰¥25% threshold) - Classified

For the full text of the H-statements mentioned in this section, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled: Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms persist.

In case of skin contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation or rash occurs: Get medical advice/attention.

In case of eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

If swallowed: Rinse mouth with water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Acute effects: Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause respiratory irritation if vapors are inhaled.

Delayed effects: Prolonged or repeated contact may cause allergic reactions in sensitive individuals.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically. No specific antidote available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO₂)

Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

Combustible liquid. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Thermal decomposition can lead to release of irritating and toxic gases and vapors, including carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Cool containers/tanks with water spray. Prevent fire-fighting water from contaminating surface water or the ground water system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Evacuate personnel to safe areas. Ensure adequate ventilation. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Use personal protective equipment as required.

For emergency responders: Use personal protection recommended in Section 8.

6.2 Environmental precautions

Prevent product from entering drains, sewers, or waterways. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

For containment: Prevent further leakage or spillage if safe to do so.

For cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly.

6.4 Reference to other sections

See Section 7 for safe handling. See Section 8 for personal protection equipment. See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use only with adequate ventilation. Wear appropriate personal protective equipment. Keep away from sources of ignition - No smoking.

Advice on general occupational hygiene: Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke. Remove and wash contaminated clothing before re-use.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Keep container tightly closed in a dry and well-ventilated place. Store in cool place (4-27°C/40-80°F). Keep away from heat and sources of ignition. Protect from freezing.

Incompatible materials: Strong oxidizing agents, strong reducing agents, free radical initiators, oxygen scavengers

7.3 Specific end use(s)

Professional nail enhancement product. Use only as directed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits:

Note: While general methacrylate exposure limits exist (e.g., methyl methacrylate: OSHA PEL 100 ppm), these specific specialty methacrylates and components have no established occupational exposure limits.

Component	OSHA PEL	NIOSH REL	ACGIH TLV
Acrylates Copolymer	None established	None established	None established
Isobornyl Methacrylate	None established	None established	None established
4-Acryloylmorpholine	None established	None established	None established
Ethyl(2,4,6-trimethylbenzoyl)phenylphosphinate	None established	None established	None established
Hydroxycyclohexyl Phenyl Ketone	None established	None established	None established
Dimethicone	None established	None established	None established

8.2 Exposure controls

Appropriate engineering controls: Provide adequate ventilation. Local exhaust ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of vapor release. Ensure eyewash stations and safety showers are close to the workstation location.

Individual protection measures

Eye/face protection: Safety glasses with side-shields conforming to EN166 or ANSI Z87.1

Skin protection:

- Hand protection: Chemical resistant gloves (nitrile rubber, thickness ≥ 0.11 mm)
- Other: Wear suitable protective clothing

Respiratory protection: Under normal conditions of use, respiratory protection is not required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Thermal hazards: None under normal use

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Color:	Clear
Odor:	Slight characteristic ester odor
Odor threshold:	Not determined
pH:	Not applicable
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	>100°C
Flash point:	>82°C (180°F) (closed cup)
Evaporation rate:	<1 (BuAc=1)
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits:	Not determined
Vapor pressure:	<0.01 mmHg at 20°C
Vapor density:	>1 (Air = 1)
Relative density:	Not determined
Solubility(ies):	Insoluble in water

Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not explosive
Oxidizing properties:	Not oxidizing

9.2 Other information

VOC Content (EPA Method 24): <5% (estimated based on vapor pressure data)

Molecular weight: Mixture - not applicable

Particle characteristics: Not applicable (liquid product)

Mechanical sensitivity: Not impact or friction sensitive

Electrical conductivity: Not determined

Heat of combustion: Not determined

Kinematic viscosity: Not determined

Oxidizing/reducing properties: Neither oxidizing nor reducing

Gas group: Not applicable

Redox potential: Not determined

Radical formation potential: Contains polymerization inhibitor to prevent radical formation

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under recommended storage conditions. Contains stabilizer (inhibitor) to prevent polymerization.

10.3 Possibility of hazardous reactions

May polymerize if exposed to high temperatures, UV light, or in contact with radical initiators.

10.4 Conditions to avoid

Heat, flames and sparks. Extreme temperatures and direct sunlight. UV radiation. Freezing conditions.

10.5 Incompatible materials

Strong oxidizing agents, strong reducing agents, free radical initiators, peroxides, strong acids, strong bases.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may produce: Carbon monoxide, carbon dioxide, irritating vapors.

SECTION 11: INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) NO 1272/2008

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:

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

ATEmix (oral): >2000 mg/kg (calculated)

Component	LD50 oral	LD50 dermal	LC50 inhalation
4-Acryloylmorpholine	1270 mg/kg (rat)	>2000 mg/kg (rabbit)	No data available

Skin corrosion/irritation: Causes skin irritation (Category 2)

Serious eye damage/irritation: Causes serious eye irritation (Category 2)

Respiratory or skin sensitization: May cause an allergic skin reaction (Category 1)

Germ cell mutagenicity: Based on available data, the classification criteria are not met

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

Reproductive toxicity: Based on available data, the classification criteria are not met

STOT-single exposure: Based on available data, the classification criteria are not met

STOT-repeated exposure: Based on available data, the classification criteria are not met

Aspiration hazard: Based on available data, the classification criteria are not met

11.2 Information on other hazards

Endocrine disrupting properties: This product does not contain components considered to have endocrine disrupting properties.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic life with long lasting effects.

Component	Aquatic Toxicity
Isobornyl Methacrylate	LC50 (fish, 96h): 1.46 mg/L EC50 (daphnia, 48h): 1.47 mg/L EC50 (algae, 72h): 0.91 mg/L
Ethyl(2,4,6-trimethylbenzoyl)phenylphosphinate	LC50 (fish, 96h): 1.4 mg/L EC50 (daphnia, 48h): 1.3 mg/L

12.2 Persistence and degradability

The components of this mixture are not readily biodegradable. Acrylate polymers are generally resistant to biodegradation.

12.3 Bioaccumulative potential

No data available on bioaccumulation. Based on the partition coefficient, bioaccumulation is not expected.

12.4 Mobility in soil

No data available. Product is insoluble in water and is expected to have low mobility in soil.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties

This product does not contain components considered to have endocrine disrupting properties.

12.7 Other adverse effects

No other adverse environmental effects are expected.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: Dispose of in accordance with local, regional, national and international regulations. Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

Waste codes: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number: Not regulated

14.2 UN proper shipping name: Not regulated

14.3 Transport hazard class(es): Not regulated

14.4 Packing group: Not regulated

14.5 Environmental hazards: Although the product contains >10% of components classified as Aquatic Chronic 2, the 12-15mL packaging qualifies for Limited Quantity exemption under all transport modes

Marine pollutant: No (Limited Quantity exemption applies)

14.6 Special precautions for user: None

14.7 Maritime transport in bulk according to IMO instruments: Not applicable

14.8 Additional information:

This product ships under Limited Quantity provisions:

- ADR/RID: LQ exemption applies (≤5L inner packaging)

- IMDG: LQ exemption applies (≤5L inner packaging)

- IATA: LQ exemption applies (≤0.5L inner packaging)

12-15mL packaging requires only LQ diamond marking

Flash point verified: >82°C (180°F)

General cargo status when shipped as Limited Quantity

SECTION 15: REGULATORY INFORMATION

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

United States Federal Regulations

TSCA Status: All components are listed on or exempt from the TSCA Inventory

SARA 313: This product does not contain any chemicals subject to SARA Title III, Section 313 reporting requirements

CERCLA: This product does not contain any substances subject to CERCLA reporting

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm

Canadian Regulations

DSL/NDSL Status: All components are listed on the DSL or NDSL

WHMIS 2015 Classification: See Section 2

90-Day Update Commitment: In accordance with Canadian regulations, this SDS will be updated within 90 days of any significant new data becoming available

European Union Regulations

REACH Status: All components are registered, pre-registered, or exempt from REACH registration

CLP Classification: See Section 2

Authorizations (Annex XIV): No components are subject to authorization

Restrictions (Annex XVII): No specific restrictions apply

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture.

SECTION 16: OTHER INFORMATION

Revision Date: July 28, 2025

Previous Revision Date: June 16, 2025

Version: 2.0

Full text of H-statements referred to in Sections 2 and 3:

H302: Harmful if swallowed

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

H411: Toxic to aquatic life with long lasting effects

Legend:

ACGIH: American Conference of Governmental Industrial Hygienists

CAS: Chemical Abstracts Service

CLP: Classification, Labelling and Packaging

DSL: Domestic Substances List (Canada)

EC50: Effective Concentration 50%

GHS: Globally Harmonized System

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

NDSL: Non-Domestic Substances List (Canada)

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

PBT: Persistent, Bioaccumulative, Toxic

PEL: Permissible Exposure Limit

REACH: Registration, Evaluation, Authorization and Restriction of Chemicals

REL: Recommended Exposure Limit

SDS: Safety Data Sheet

STOT: Specific Target Organ Toxicity

TLV: Threshold Limit Value

TSCA: Toxic Substances Control Act (US)

VOC: Volatile Organic Compound

vPvB: very Persistent, very Bioaccumulative

WHMIS: Workplace Hazardous Materials Information System

Classification source:

- EU harmonized classifications per Annex VI of Regulation (EC) No 1272/2008
- ECHA C&L Inventory database
- Supplier safety data sheets and technical documentation
- Application of mixture classification rules per GHS Rev. 7&8

Primary Information Sources:

- European Chemicals Agency (ECHA) C&L Inventory
- EU Annex VI harmonized classifications
- NIOSH Chemical Database
- OSHA Chemical Data

- EPA CompTox Chemistry Dashboard
- Health Canada substance databases

Secondary Sources:

- Original manufacturer data sheets
- Peer-reviewed toxicological studies
- Industry technical documentation

SDS Prepared by: Technical Regulatory Department

Method of Revision: Complete review and update to current GHS standards

Training advice: Ensure all employees are trained in the safe handling of this product

Disclaimer: 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.