

MATERIAL SAFETY DATA SHEET
ASTONISHING MONOMER

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: Astonishing Monomer
Use of substance / mixture: PC39: Cosmetics, personal care products.

Details of the supplier of the safety data sheet:

Company name: International Beauty Partners BV
De Run 4221
5503 LM Veldhoven
Netherlands
Tel : +31 (0) 40 -2307559
Email : info@wwbdgrop.com

National Poison Centre Netherlands tel: +31 (0)30 - 2748888

'Only for the purpose of informing medical personnel in cases of acute intoxications'.

SECTION 2. HAZARDS IDENTIFICATION.

2.1. Classification of the substance / mixture

Classification in accordance with Regulation (EC) No 1272/2008[UE-GHS/CLP]

Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1A: H317; Eye Irrit. 2: H319; STOT SE 3:
H335; -: EUH208

Most important adverse effects: Contains triethylene glycol dimethacrylate mehq inhibited. May produce an allergic reaction. Highly flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation

2.2 Label elements

Labelling in accordance with Regulation (EC) No 1272/2008[CLP]

Hazard statements:

EUH208: Contains triethylene glycol dimethacrylate mehq inhibited. May produce an allergic reaction.

H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation

Hazard Pictograms



GHS02: Flame GHS07: Exclamation mark

Signal word

Danger

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P333+313: If skin irritation or rash occurs: Get medical advice/attention.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical advice/attention.

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

P403+233: Store in a well-ventilated place. Keep container tightly closed.

2.3 Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name (INCI)	Concentration	CAS number	CLP Classification
ETHYL METHACRYLATE	50-75 %	97-63-2	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317
HYDROXY PROPYL METHACRYLATE	5-10 %	27813-02-1	Eye Irrit. 2: H319; Skin Sens. 1: H317
HYDROXY PROPYL METHACRYLATE	1-5 %	1830-78-0	STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315
TETRA ETHYLENE GLYCOL DIMETHACRYLATE	1-5 %	109-17-1	Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; STOT SE 3: H335
DIPENTAERYTHRITYL HEXAACRYLATE	1-5 %	n/a	Eye Irrit. 2: H319; Skin Sens. 1B: H317; Aquatic Chronic 3: H412
POLYETHYLENE GLYCOL 400 DIMETHACRYLATE	1-5 %	25852-47-5	STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315
N,N-DIMETHYL-P-TOLUIDINE	1-5%	99-97-8	Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT RE 2: H373; Aquatic Chronic 3: H412
TRIETHYLENE GLYCOL DIMETHACRYLATE MEHQ INHIBITED	0.1-1 %	109-16-0	Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT RE 2: H373; Aquatic Chronic 3: H412
PMGDM	0.1-1 %	148019-46-9	Eye Irrit. 2: H319; Skin Irrit. 2: H315; STOT SE 3: H335; Skin Sens. 1A: H317

4. First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

5. Fire fighting measures

5.1 Fire extinguishing means:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers

5.2 Particular hazards related to the substance or mixture:

In combustion emits toxic fumes

5.3 Information for firemen:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

6. Accidental release measure

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding

6.3 Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

7. Substance/mixture handling and storage

7.1 Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2 Storage of the product

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed

8. Exposure control and personal protection

8.1. Control parameters

Hazardous ingredients: ETHYL METHACRYLATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min STEL	8 hour TWA	15 min STEL
UK	250 mg/m ³			

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Various

Odour: Characteristic odour

Evaporation rate: Fast

Viscosity: Non-viscous

Boiling point/range°C: >100 Flash point°C: <23

Autoflammability°C: >200 Relative density: 0.85-0.95

10. Stability and reactivity

10.1 Reactivity:

Stable under recommended transport or storage conditions

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Direct sunlight. Heat. Sources of ignition. Hot surfaces.

10.5. Incompatible materials

Strong oxidising agents. Strong reducing agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

11. Toxicological information

Hazardous ingredients:

ETHYL METHACRYLATE

IPR	RAT	LD50	1223	mg/kg
ORL	MUS	LD50	7836	mg/kg
ORL	RAT	LD50	14800	mg/kg

HYDROXY PROPYL METHACRYLATE

DERMAL	RAT	LD50	>5000	mg/kg
ORL	RAT	LD50	11600	mg/kg

GLYCEROL DIMETHACRYLATE

ORAL	RAT	OECD423	>2000	mg/kg
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TETRA ETHYLENE GLYCOL DIMETHACRYLATE

ORAL	RAT	LD50	10837	mg/kg
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N,N-DIMETHYL-P-TOLUIDINE

ORAL	RAT	LD50	1650	mg/kg
VAPOURS	RAT	4H LC50	1.4	mg/l

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may

cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure

12. Ecological information

12.1. Toxicity.

Hazardous ingredients:

HYDROXY PROPYL METHACRYLATE

GOLDEN IDE	48H EC50	493	mg/l
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GLYCEROL DIMETHACRYLATE

FISH	96H LC50	43.2	mg/l
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N,N-DIMETHYL-P-TOLUIDINE

Daphnia magna	48H LC50	15.259	mg/l
Fish Pimephales promelas	96H LC50	46-52	mg/l

12.2. Persistence and degradability

Biodegradable.

12.3. Bioaccumulative potential

No bioaccumulation potential.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Negligible ecotoxicity.

13. Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

14. Transport information

14.1. UN number

UN number: UN1993

14.2. UN proper shipping name

Shipping name: FLAMMABLE LIQUID, N.O.S.
(ETHYL METHACRYLATE MONOMER, HYDROXY PROPYL METHACRYLATE MIXTURE)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

15 Information on legal regulations

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier

SECTION 16. OTHER INFORMATION

Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

Phrases used in s.2 and s.3:

H225: Contains <name of sensitising substance>. May produce an allergic reaction.

H301: Highly flammable liquid and vapour.

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H335: May cause respiratory irritation.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product

This information has been prepared on the basis of current knowledge and experience. However, this information does not guarantee product properties or quality specification and cannot be the basis for complaint. The product should be transported, stored and used in accordance with current regulations as well as good practices and occupational health rules. The manufacturer is not responsible for any losses arising directly or indirectly from the use of the above interpretation of rules or instructions. The information cannot be used for mixtures of the product with other substances. Using the information provided as well as using the product are not controlled by the manufacturer, and therefore it is an obligation of the user to create appropriate conditions for the safe handling of the product.

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