



Azo Purge MP2

Safety Data Sheet

according to Circular 17/2022/TT-BCT
Issue date: 4/11/2025 Version: 1.0

SECTION 1: Identification of the substance or mixture and of the supplier

1.1. GHS product identifier or other means of identification of the product/chemicals

Product form : Mixture
Trade name : Azo Purge MP2

1.2. Recommended use and restriction on use

Recommended use : Solvent mixture
Restrictions on use : All other uses not recommended above

1.3. Supplier's details

Manufacturer

Azon USA Inc.
2204 Ravine Rd
49004 Kalamazoo Michigan
USA
T 269-385-5942

Distributor

Azon Asia Inc.
168 Joongwon Ind Rd. Judeok
CB 27459 KOR Chungju
South Korea
T +82 (0) 43 840 0500

1.4. Emergency phone number

Emergency number : For 24/7 multilingual advice for spill, leak, fire, exposure, or accident call CHEMTREC at +65 3163 8374 (Singapore, multilingual) and provide CCN 2189
Back-up Emergency Number: +1-703-527-3887 (USA, English Only)


SECTION 2: Hazards identification

2.1. GHS classification

Classification according to circular 32/2017/TT-BCT

Acute toxicity (dermal), Category 5 : May be harmful in contact with skin.
Serious eye damage/eye irritation, Category 2A : Causes serious eye irritation.

2.2. GHS label elements

Hazard pictograms (GHS VN) : 

Signal word (GHS VN) : Warning

Contains : Dimethyl Glutarate

Hazard statements (GHS VN) : H313 - May be harmful in contact with skin
H319 - Causes serious eye irritation

Precautionary statements (GHS VN) : P264 - Wash hands thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P312 - Call a POISON CENTER if you feel unwell
P337+P313 - If eye irritation persists: Get medical advice/attention

2.3. Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to circular 32/2017/TT-BCT
Dimethyl Glutarate	CAS-No.: 1119-40-0	60 – 80	Flam. Liq. Not classified Pyr. Liq. Not classified Acute Tox. Not classified (Oral) Acute Tox. 5 (Dermal), H313 Skin Corr./Irrit. Not classified Eye Irrit. 2A, H319 Muta. Not classified Repr. Not classified STOT SE Not classified STOT RE Not classified Aquatic Acute Not classified Aquatic Chronic Not classified

Full text of H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: First aider: Pay attention to self-protection. Never give anything by mouth to an unconscious person. Induce artificial respiration with mask fitted with one-way valve or other suitable device but not mouth-to-mouth. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin areas with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth out with water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If you feel unwell, seek medical advice.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: May cause irritation to skin.
Symptoms/effects after eye contact	: Stinging, redness, itching, tears, blurred vision, swelling.

4.3. Indication of immediate medical attention and special treatment needed

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media	: Dry chemical, CO2, or water spray or regular foam.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards that form when the chemical burns

Fire hazard	: Not flammable.
Explosion hazard	: No direct explosion hazard.

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Hazardous decomposition products in case of fire : Toxic fumes may be released. Thermal decomposition generates: Carbon dioxide. Carbon monoxide.

5.3. Protective equipment and clothing and necessary warnings for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Use extinguishing media appropriate for surrounding fire. Prevent fire fighting water from entering the environment.

SECTION 6: Accidental release measures

6.1. Protective equipment and incident response procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Evacuate the danger area. If outdoors, move to an area upwind of the danger area. Avoid contact with skin and eyes. If possible without taking personal risks, remove ignition sources, ventilate area. Prevent other non-emergency personnel from entering the danger area.

6.1.2. For emergency responders

Protective equipment : Wear the recommended personal protective equipment.
Emergency procedures : Evacuate personnel to a safe area. Ventilate spillage area. Stop leak if safe to do so.

6.2. Environmental precautions

Do not let the product reach soil, drains, sewers, or surface and ground water.

6.3. Methods and materials for containment and cleaning up

For containment : Contain with non-combustible inert absorbent. Stop leak if safe to do so. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up : Take up in non-combustible inert absorbent and place into container for disposal. Contaminated absorbent material may pose the same hazard as the spilt product. Decontaminate surfaces and equipment with water and detergent. Until a sufficient level of dilution is achieved, the decontamination water may pose the same hazards as the product. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: Handling and storage

7.1. Measures and conditions for safe handling of hazardous chemicals

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing mist, spray, vapours, gas. Take precautionary measures against static discharge.

7.2. Measures and conditions for safe storage

Storage conditions : Store in a cool, dry and well-ventilated area away from incompatible substances. Keep container closed when not in use.
Incompatible products : Oxidizing agents. Strong acids. Strong bases.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

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8.3. Personal protective measures and equipment

Hand protection:

Wear protective gloves. Wear suitable gloves resistant to chemical penetration

Eye protection:

Chemical goggles or safety glasses. Wear safety glasses which protect from splashes

Skin and body protection:

Wear suitable protective clothing. Body protection should be chosen depending on activity and possible exposure

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Personal protective equipment symbol(s):



Environmental exposure controls

: Avoid release to the environment. Take measures to reduce or limit air emissions and releases to soil and the aquatic environment.

SECTION 9: Physical and chemical properties

Physical state	: Liquid
Boiling point	: 196 °C (384.8 °F)
Colour	: Colorless
Melting point	: No data available
Odour	: No data available
Flash point	: 103 °C (217.4 °F)
Vapour pressure	: 0.2 mm Hg @20 °C (68°F)
Auto-ignition temperature	: No data available
Relative vapour density at 20°C	: No data available
Explosive limits	: No data available
Solubility	: No data available
pH	: No data available
Density	: No data available

Others

Solubility in water : Slightly soluble

SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport
Chemical stability	: Stable under normal conditions of use.
Hazardous reaction	: Stable under normal conditions of use.
Conditions to avoid	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials	: Oxidizing agents, Strong acids, Strong bases
Decomposition and hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: Carbon dioxide. Carbon monoxide.

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SECTION 11: Toxicological information

11.1. Acute toxicity

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: May be harmful in contact with skin.
Acute toxicity (inhalation)	: Not classified

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ATE VN (dermal)	3125 mg/kg bodyweight
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Dimethyl Glutarate (1119-40-0)

LD50 oral rat	8900 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg bodyweight

Skin corrosion/irritation	: Not classified
Serious eye damage/eye irritation	: Causes serious eye irritation.
Respiratory sensitization/ Skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity- single exposure	: Not classified
Specific target organ toxicity- repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

Dimethyl Glutarate (1119-40-0)

LC50 - Fish [1]	13400 mg/l
EC50 - Crustacea [1]	3940 – 4670 mg/l
Partition coefficient n-octanol/water (Log Pow)	0.62

12.2. Persistence and degradability

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Persistence and degradability	Not established.
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Dimethyl Glutarate (1119-40-0)

Persistence and degradability	Rapidly degradable
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12.3. Bioaccumulative potential

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Bioaccumulative potential	No additional information available
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Dimethyl Glutarate (1119-40-0)

Partition coefficient n-octanol/water (Log Pow)	0.62
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12.4. Mobility in soil

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Mobility in soil	No additional information available
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Dimethyl Glutarate (1119-40-0)

Partition coefficient n-octanol/water (Log Pow)	0.62
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12.5. Other adverse effects

Other adverse effects : No additional information available

SECTION 13: Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations. Dispose of this material and its container at hazardous or special waste collection point. Refer to all applicable national, international and local regulations or provisions.
Ecological waste information	: Avoid release to the environment.
Additional information	: Do not re-use empty containers.

SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

IMDG	IATA	UN RTDG
14.1 UN number		
Not regulated for transport		
14.2 Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3 Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4 Packing group		
Not regulated	Not regulated	Not regulated
14.5 Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

14.6. Transport in bulk

Not applicable

14.7. Special precautions for users which need to be complied in transport

UN RTDG

Not regulated

IMDG

Not regulated

IATA

Not regulated

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations for the product

Law on Chemicals

Vietnam Annex I: List of chemicals subject to conditional production or import	No information available	
Vietnam Annex II: List of chemicals restricted from production or trade	No information available	
Vietnam Annex III: List of banned chemicals	No information available	
Vietnam Annex IV: List of hazardous chemicals for which chemical incident prevention and response plans are required	No information available	
Vietnam Annex V: List of chemicals subject to compulsory declarations	No information available	

National Chemical Inventory (NCI)

National Chemical Inventory (NCI)	Contains listed substance(s)	Glutaric acid, dimethyl ester (1119-40-0)
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15.2. International regulations

No additional information available

SECTION 16: Other information

Data sources	: SDS prepared by CHEMTREC
Company	: Azon USA Inc.
Version	: 1.0
Issue date	: 4/11/2025

Full text of H-statements:

Acute Tox. 5 (Dermal)	Acute toxicity (dermal), Category 5
Acute Tox. Not classified (Oral)	Acute toxicity (oral) Not classified
Aquatic Acute Not classified	Hazardous to the aquatic environment – Acute Hazard Not classified
Aquatic Chronic Not classified	Hazardous to the aquatic environment – Chronic Hazard Not classified
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. Not classified	Flammable liquids Not classified
Muta. Not classified	Germ cell mutagenicity Not classified
Pyr. Liq. Not classified	Pyrophoric liquids Not classified
Repr. Not classified	Reproductive toxicity Not classified
Skin Corr./Irrit. Not classified	Skin corrosion/irritation Not classified
STOT RE Not classified	Specific target organ toxicity (repeated exposure) Not classified
STOT SE Not classified	Specific target organ toxicity (single exposure) Not classified
H313	May be harmful in contact with skin
H319	Causes serious eye irritation

Safety Data Sheet (SDS), Vietnam

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.