

**EMERGENCY CONTACTS**

Telephone: + 44 (0) 01443 814657

**Section 1. Preparation and Company Identification**

Product Name ..... **Azo-Purge MP2 EU**  
 Synonyms ..... B Resin  
 CAS Number ..... Mixture

**AZON UK LTD.**  
 Block C – Unit C14-15  
 Duffryn Park  
 1 Alder Avenue  
 Dyffryn Business Park  
 Ystrad Mynach  
 Hengoed  
 CF82 7TW

**Section 2. Hazards Identification**

CLP CLASSIFICATION	CLP LABELLING Pictograms; Signal Word Code(s) Warning	Specific Concentration Limits; M-factors
<b>Hazard Class and Category Code(s)</b> Skin irritation, Category 3 Eye irritation, Category 2  <b>Hazard Statement Code(s)</b> H302 Harmful if swallowed. H315 Causes mild skin irritation H319 Causes eye irritation H335 May cause respiratory irritation	<u>NO PICTOGRAM</u>	<b>NONE</b>
P202 Do not handle until all safety precautions have been read and understood P261 Avoid breathing dust/fume/gas/mist/vapours/spray P262 Do not get in eyes, on skin, or on clothing P264 Wash hands thoroughly after handling P280 Wear protective gloves/protective clothing/eye protection/face protection P330 Rinse mouth P301 +P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell P302 +P350 IF ON SKIN: Gently wash with plenty of soap and water P304 +P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P332 + P313 If skin irritation occurs: Get medical advice/attention P337 + P313 If eye irritation persists: get medical advice/attention P342 + P311 If experiencing respiratory symptoms: call a POISON CENTER or doctor/physician P403 + P233 Store in a well ventilated place. Keep container tightly closed P305 +P351 +P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing P501 Dispose of contents/container to appropriately licensed chemical waste/drum reclamation facilities		

**Section 3. Composition / Information on Ingredients**

<b>INGREDIENTS</b>		
Ingredient Name	CAS Number	Concentration
Dimethyl Glutarate	1119-40-0	60%
Dimethyl Adipate	627-93-0	17%
Dimethyl Succinate	106-65-0	23%

**Section 4. First Aid Measures**

First Aid For Eyes- Flush with copious amount of water, preferably lukewarm for at least 15 minutes, holding eyelids open all the time.

First Aid For Skin- Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse.

First Aid For Inhalation- Move to an area free from risk of further exposure.

First Aid For Ingestion- Immediately drink water to dilute. Induce vomiting. Consult physician if symptoms develop. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**Section 5. Fire Fighting Measures**

Extinguishing Media- Dry Chemical; Carbon Dioxide; Water spray for large fires.

Special Fire Fighting Instructions- Use water to cool containers. Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

**Section 6. Accidental Release Measures**

Spills Or Leaks Measures- Product is slightly soluble in water. Dike spill area. Absorb with clay, sand, or other commercial absorbant for disposal.

**Section 7. Handling and Storage**

Storage Temperature- 18 °C / 30 °C; Do not exceed 49 °C.

Special Sensitivity- Opened containers should be protected with a dry air or nitrogen padding. A drierite or silica gel drying system on the vents can also be used.

**Section 8. Exposure Controls**

Eye Protection Requirements- Safety glasses with sideshields.

Skin Protection Requirement- Not normally required. Chemical resistant gloves recommended.

Ventilation Requirements- Local exhaust ventilation is recommended if vapors, mists, or aerosols are generated. Otherwise, use general exhaust ventilation.

Respirator Requirements- Not normally required.

**Section 9. Physical and Chemical Properties**

PHYSICAL FORM..... Liquid  
COLOR ..... Clear yellow  
ODOR ..... Slight  
BOILING POINT ..... Not determined  
MELTING/FREEZING POINT ..... Not determined  
SOLUBILITY IN WATER..... Slightly soluble  
VAPOR PRESSURE..... Not determined

**Section 10. Stability and Reactivity**

Stability- This is a stable material.

Hazardous Polymerization- Will not occur.

Incompatibilities- Strong oxidizers, strong alkalis.

Decomposition Product- Carbon monoxide, carbon dioxide, nitrogen oxides.

**Section 11. Toxicological Information**

Animal Data

Inhalation 4-hour LC50- >11mg/L in rats

Inhalation 1-Hour LC50- >10.7 mg/L in rats

Skin absorption LD50- >2,250 mg/kg in rabbits

Oral LD50- >8,191 mg/kg in rats

**Section 12. Ecological Information**

## Aquatic Toxicity

96 Hour LC50- Fathead Minnows: 18-24 mg/L

## Moderately toxic

48 Hour LC50- Daphnia magna: 112-150 mg/L

Biodegradation Information- The Azo-Purge MP2 components dimethyl succinate, dimethyl glutarate, and dimethyl adipate were tested for biodegradability using the 28-day closed bottle test. A minimum of 60% biodegradation must be reached in a 14 day window after exceeding the 10% level in order to pass this test and be rated as readily biodegradable. All of the components of Azo-Purge MP2 pass this test and, therefore, Azo-Purge MP2 is considered readily biodegradable.

Dimethyl succinate – 67% biodegradability in day 7

Dimethyl glutarate – 70% biodegradability in day 7

Dimethyl adipate – 58% biodegradability in day 7

84% biodegradability in day 14

**Section 13. Disposal Considerations**

This material it should be disposed of in accordance with local and national regulations. Incineration is the preferred method.

**Section 14. Transportation Information**

Not regulated for transportation

**Section 15. Regulatory Information**

Classification and labelling according Regulation on Classification, Labelling and Packaging of Substances and Mixtures (CLP Regulation).

**Section 16. Other Information**

Reason for issue .....Updated company information

Prepared by .....Steve Beck

Approval date .....16-12-2016

**WARRANTY** The information contained in this document is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. The customer must inspect and test our products before use, and satisfy themselves as to the contents and suitability. Nothing herein shall constitute a warranty, expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials, and in no event shall we be liable for special, incidental, or consequential damages.