Section 1. Preparation and Company Identification

Product Name: Azo-Purge MP2 EU

Synonyms: B Resin

CAS Number: Mixture

Section 2. Hazards Identification

CLP CLASSIFICATION

Hazard Class and Category Code(s)
- Skin irritation, Category 3
- Eye irritation, Category 2

Hazard Statement Code(s)
- H302 Harmful if swallowed.
- H315 Causes mild skin irritation
- H319 Causes eye irritation
- H335 May cause respiratory irritation

CLP LABELLING

Pictograms; Signal Word Code(s)

Warning

Specific Concentration Limits; M-factors

NONE

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 reclaimation facilities

Section 3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Ingredient Name</td>
<td>CAS Number</td>
</tr>
<tr>
<td>Dimethyl Glutarate</td>
<td>1119-40-0</td>
</tr>
<tr>
<td>Dimethyl Adipate</td>
<td>627-93-0</td>
</tr>
<tr>
<td>Dimethyl Succinate</td>
<td>106-65-0</td>
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</tbody>
</table>
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 drierrite 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

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