Agetech™ Protectant
Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 01/25/2016 Date of issue: 01/25/2016
Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier
Product Form: Mixture
Product Name: Agetech™ Protectant
Document Code: SDS217

1.2. Intended Use of the Product
Use of the substance/mixture: Coating to protect rubber from direct sunlight or outdoor weathering.

1.3. Name, Address, and Telephone of the Responsible Party
Company
Blair Rubber Company
5020 Panther Pkwy
Seville, OH 44273
T 800-321-5583
blairrubber.com

1.4. Emergency Telephone Number
Emergency Number: 800-424-9300 (CHEMTREC), 202-483-7616 (International)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture
GHS-US classification
Flam. Liq. 2 H225
Skin Irrit. 2 H315
Skin Sens. 1 H317
Repr. 2 H361
STOT SE 3 H336
STOT RE 2 H373
Asp. Tox. 1 H304
Aquatic Acute 1 H400
Aquatic Chronic 1 H410

Full text of hazard classes and H-statements: see section 16

2.2. Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US):

Signal Word (GHS-US): Danger
Hazard Statements (GHS-US):
H225 - Highly flammable liquid and vapor.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H336 - May cause drowsiness or dizziness.
H361 - Suspected of damaging fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure (Inhalation).
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary Statements (GHS-US):
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from extremely high or low temperatures, ignition sources, and incompatible materials. - No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical, ventilating, and lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P260 - Do not breathe vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
P301+P310 - If swallowed: Immediately call a poison center or doctor.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P314 - Get medical advice/attention if you feel unwell.
P321 - Specific treatment (see section 4 on this SDS).
P331 - Do NOT induce vomiting.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use dry chemical powder, alcohol-resistant foam, carbon dioxide (CO\textsubscript{2}), water to extinguish.
P391 - Collect spillage.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards
Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)
No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance
Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkanes, C5-8</td>
<td>(CAS No) 101316-46-5</td>
<td>66.67</td>
</tr>
<tr>
<td>Antioxidant</td>
<td>(CAS No) Proprietary</td>
<td>15 - 25</td>
</tr>
<tr>
<td>Antioxidant</td>
<td>(CAS No) Proprietary</td>
<td>10 - 15</td>
</tr>
</tbody>
</table>

The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists. Wash contaminated clothing before reuse.
First-aid Measures After Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
First-aid Measures After Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/Injuries: Causes skin irritation. Skin sensitization. May cause drowsiness and dizziness. May be fatal if swallowed and enters airways. There are potential chronic health effects to consider.
According to Federal Register / Safety Data Sheet

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Take precautionary measures against static discharge. Use only non-sparking tools. Avoid contact with eyes, skin and clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do NOT breathe (vapor, mist, spray).
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities


Storage Conditions: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.


7.3. Specific End Use(s)

Coating to protect rubber from direct sunlight or outdoor weathering.

SECTION 8: EXPOSURE CONTROLS/PERSO nell PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

8.2. Exposure Controls

Appropriate Engineering Controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment.

Personal Protective Equipment


Materials for Protective Clothing

Chemically resistant materials and fabrics. Wear fire/flame resistant/retardant clothing.

Hand Protection

Wear protective gloves.

Eye Protection

Chemical safety goggles.

Skin and Body Protection

Wear suitable protective clothing.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State

Liquid

Appearance

Clear, amber

Odor

Solvent

Odor Threshold

No data available

pH

No data available

Evaporation Rate

No data available

Melting Point

No data available

Freezing Point

No data available

Boiling Point

257 - 303 °F (125 - 151 °C)

Flash Point

No data available

Auto-ignition Temperature

No data available

Decomposition Temperature

No data available

Flammability (solid, gas)

No data available

Vapor Pressure

No data available

Relative Vapor Density at 20 °C

Heavier than air

Specific Gravity

0.87
Solubility: Insoluble
Partition Coefficient: N-Octanol/Water: No data available
Viscosity: No data available
Non-Vol (W/W): 25 - 30

9.2. Other Information
VOC content: 4.6 lbs./gal.

SECTION 10: STABILITY AND REACTIVITY
10.1. Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion.
10.2. Chemical Stability: Extremely flammable liquid and vapor. May form flammable or explosive vapor-air mixture.
10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.

SECTION 11: TOXICOLOGICAL INFORMATION
11.1. Information On Toxicological Effects
Acute Toxicity: Not classified

<table>
<thead>
<tr>
<th>Antioxidant</th>
<th>LD50 Oral Rat</th>
<th>2100 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antioxidant</td>
<td>LD50 Oral Rat</td>
<td>893 mg/kg</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal Rabbit</td>
<td>&gt; 7940 mg/kg</td>
</tr>
</tbody>
</table>

Skin Corrosion/Irritation: Causes skin irritation.
Serious Eye Damage/Irritation: Not classified
Respiratory or Skin Sensitization: May cause an allergic skin reaction.
Germ Cell Mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive Toxicity: Suspected of damaging fertility or the unborn child.
Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness.
Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure (Inhalation).
Aspiration Hazard: May be fatal if swallowed and enters airways.
Symptoms/Injuries After Inhalation: High concentrations may cause central nervous system depression such as dizziness, vomiting, numbness, drowsiness, headache, and similar narcotic symptoms.
Symptoms/Injuries After Skin Contact: Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion: Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury. Chronic Symptoms: Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure via inhalation.

SECTION 12: ECOLOGICAL INFORMATION
12.1. Toxicity
Ecology - General: Very toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Antioxidant</th>
<th>LC50 Fish 1</th>
<th>0.4 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>EC50 Daphnia 1</td>
<td>0.51 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td></td>
<td>LC 50 Fish 2</td>
<td>0.028 mg/l (Exposure time: 96 h - Species: Oryzias latipes [flow-through])</td>
</tr>
</tbody>
</table>

12.2. Persistence and Degradability
Agetech™ Protectant
Persistence and Degradability: May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential
Agetech™ Protectant
Bioaccumulative Potential: Not established.
Antioxidant

<table>
<thead>
<tr>
<th>BCF fish</th>
<th>(bioaccumulation expected)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Pow</td>
<td>5.4</td>
</tr>
</tbody>
</table>

12.4. Mobility in Soil  No additional information available.
12.5. Other Adverse Effects
Other Information:  Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Waste Disposal Recommendations:  Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information:  Handle empty containers with care because residual vapors are flammable.

Ecology – Waste Materials:  Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT
Proper Shipping Name:  PETROLEUM DISTILLATES, N.O.S. (Contains hydrocarbon mixture C5-C8 aliphates; proprietary aromatic amine)
Hazard Class:  3
Identification Number:  UN1268
Label Codes:  3
Packing Group:  II
Marine Pollutant:  Marine pollutant
ERG Number:  128

14.2. In Accordance with IMDG
Proper Shipping Name:  PETROLEUM DISTILLATES, N.O.S. (Contains hydrocarbon mixture C5-C8 aliphates; proprietary aromatic amine)
Hazard Class:  3
Identification Number:  UN1268
Packing Group:  II
Label Codes:  3
EmS-No. (Fire):  F-E
EmS-No. (Spillage):  S-E
Marine Pollutant:  Marine pollutant

14.3. In Accordance with IATA
Proper Shipping Name:  PETROLEUM DISTILLATES, N.O.S. (Contains hydrocarbon mixture C5-C8 aliphates; proprietary aromatic amine)
Packing Group:  II
Identification Number:  UN1268
Hazard Class:  3
Label Codes:  3
ERG Code (IATA):  3H

SECTION 15: REGULATORY INFORMATION

15.1 US Federal Regulations

Agetech™ Protectant

<table>
<thead>
<tr>
<th>SARA Section 311/312 Hazard Classes</th>
<th>Fire hazard</th>
<th>Immediate (acute) health hazard</th>
<th>Delayed (chronic) health hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antioxidant</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
<td></td>
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<tr>
<td>Antioxidant</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

15.2 US State Regulations  Neither this product nor its chemical components appear on any US state lists.
SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date: 01/25/2016
Other Information:
This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

| Aquatic Acute 1 | Hazardous to the aquatic environment - Acute Hazard Category 1 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment - Chronic Hazard Category 1 |
| Asp. Tox. 1 | Aspiration hazard Category 1 |
| Flam. Liq. 2 | Flammable liquids Category 2 |
| Repr. 2 | Reproductive toxicity Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization Category 1 |
| STOT RE 2 | Specific target organ toxicity (repeated exposure) Category 2 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H225 | Highly flammable liquid and vapor |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H336 | May cause drowsiness or dizziness |
| H361 | Suspected of damaging fertility or the unborn child |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |

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.

SDS US (GHS HazCom)