



# SAFETY DATA SHEET

## 1. Identification

|   |   |
|---|---|
| <b>Product identifier</b>                                     | <b>PRIMEKOTE 1K HIGH BUILD PRIMER WHITE</b>   |
| <b>Other means of identification</b>                          |   |
| <b>Product code</b>   | 3106  |
| <b>Recommended use</b>  | Aerosol Primer  |
| <b>Recommended restrictions</b>                               | No other uses are advised.  |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |   |
| <b>Manufacturer</b>   | Autokote Systems, LLC<br>119 Business Circle<br>Thomasville, Ga. 31792      800-801-5913  |
|   | Mailing Address:<br>P.O. Box 3246<br>Thomasville, Ga. 31799   |
| <b>Emergency phone number</b>                                 | CHEMTREC +1 (800) 424-9300 (Inside the US)<br>CHEMTREC International +1 (703) 527-3887 (Outside the US, collect calls accepted) |

## 2. Hazard(s) identification

|                              |  |                             |
|------------------------------|--|-----------------------------|
| <b>Physical hazards</b>      | Flammable aerosols                                     | Category 1                  |
| <b>Health hazards</b>        | Acute toxicity, oral                                   | Category 4                  |
|                              | Skin corrosion/irritation                              | Category 2                  |
|                              | Serious eye damage/eye irritation                      | Category 2A                 |
|                              | Carcinogenicity  | Category 2                  |
|                              | Reproductive toxicity                                  | Category 1                  |
|                              | Specific target organ toxicity, single exposure        | Category 3 narcotic effects |
|                              | Specific target organ toxicity, repeated exposure      | Category 1                  |
|                              | Aspiration hazard                                      | Category 1                  |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, acute hazard     | Category 2                  |
|                              | Hazardous to the aquatic environment, long-term hazard | Category 2                  |
| <b>OSHA defined hazards</b>  | Not classified.  |                             |

### Label elements



|                         |  |
|-------------------------|--|
| <b>Signal word</b>      | Danger   |
| <b>Hazard statement</b> | Extremely flammable aerosol. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects. |

|  |  |
|--|--|
| <b>Precautionary statement</b>                   |  |
| <b>Prevention</b>                                | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe the mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.  |
| <b>Response</b>                                  | If swallowed: Immediately call a poison center/doctor. Rinse mouth. Do NOT induce vomiting. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage. |
| <b>Storage</b>                                   | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.   |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national/international regulations.  |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.  |
| <b>Supplemental information</b>                  | 53.04% of the mixture consists of component(s) of unknown acute oral toxicity. 63.43% of the mixture consists of component(s) of unknown acute dermal toxicity. 22.39% of the mixture consists of component(s) of unknown acute inhalation toxicity. 68.43% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 66.65% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.   |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name  | Common name and synonyms | CAS number  | %         |
|--|--------------------------|-------------|-----------|
| Dimethyl Ether Regulatory                                      |                          | 115-10-6    | 30 - < 40 |
| Toluene  |                          | 108-88-3    | 10 - < 20 |
| ACETIC ACID, ETHYL ESTER                                       |                          | 141-78-6    | 5 - < 10  |
| Acetone  |                          | 67-64-1     | 5 - < 10  |
| Talc   |                          | 14807-96-6  | 5 - < 10  |
| Titanium Dioxide   |                          | 13463-67-7  | 5 - < 10  |
| Xylene   |                          | 1330-20-7   | 5 - < 10  |
| Trimethyl Benzene  |                          | 25551-13-7  | 1 - < 3   |
| Trimethyl Benzene  |                          | 95-63-6     | 1 - < 3   |
| Dibutyl Phthalate  |                          | 84-74-2     | < 1       |
| Ethylbenzene   |                          | 100-41-4    | < 1       |
| Silica   |                          | 7631-86-9   | < 1       |
| Silicon Dioxide (as Amorphous Silica; See Silica), Particulate |                          | 112945-52-5 | < 1       |
| Isopropyl Benzene  |                          | 98-82-8     | < 0.3     |
| Carbon Black   |                          | 1333-86-4   | < 0.1     |
| Crystalline Quartz   |                          | 14808-60-7  | < 0.1     |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.   |
| <b>Skin contact</b> | Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.                                 |
| <b>Eye contact</b>  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. |
| <b>Ingestion</b>    | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.                   |

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| <b>Most important symptoms/effects, acute and delayed</b>                     | Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects. |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.   |
| <b>General information</b>  | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.              |

## 5. Fire-fighting measures

|  |  |
|--|--|
| <b>Suitable extinguishing media</b>                                  | Foam. Dry powder. Carbon dioxide (CO <sub>2</sub> ).   |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.   |
| <b>Specific hazards arising from the chemical</b>                    | Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.  |
| <b>Special protective equipment and precautions for firefighters</b> | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.   |
| <b>Fire fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.   |
| <b>General fire hazards</b>  | Extremely flammable aerosol.   |

## 6. Accidental release measures

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.  |
| <b>Methods and materials for containment and cleaning up</b>               | Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.<br><br>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS. |
| <b>Environmental precautions</b>   | Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.   |

## 7. Handling and storage

|                                      |  |
|--------------------------------------|--|
| <b>Precautions for safe handling</b> | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe mist or vapor. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. |
|--------------------------------------|--|

**Conditions for safe storage,  
including any incompatibilities**

Level 1 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls/personal protection****Occupational exposure limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components                              | Type | Value                 | Form        |
|---|------|-----------------------|-------------|
| ACETIC ACID, ETHYL ESTER (CAS 141-78-6) | PEL  | 1400 mg/m3            |             |
| Acetone (CAS 67-64-1)                   | PEL  | 400 ppm<br>2400 mg/m3 |             |
| Dibutyl Phthalate (CAS 84-74-2)         | PEL  | 1000 ppm<br>5 mg/m3   |             |
| Ethylbenzene (CAS 100-41-4)             | PEL  | 435 mg/m3             |             |
| Isopropyl Benzene (CAS 98-82-8)         | PEL  | 100 ppm<br>245 mg/m3  |             |
| Titanium Dioxide (CAS 13463-67-7)       | PEL  | 50 ppm<br>15 mg/m3    | Total dust. |
| Xylene (CAS 1330-20-7)                  | PEL  | 435 mg/m3<br>100 ppm  |             |

**US. OSHA Table Z-2 (29 CFR 1910.1000)**

| Components             | Type           | Value              |
|------------------------|----------------|--------------------|
| Toluene (CAS 108-88-3) | Ceiling<br>TWA | 300 ppm<br>200 ppm |

**US. OSHA Table Z-3 (29 CFR 1910.1000)**

| Components                        | Type | Value   | Form   |
|-----------------------------------|------|---|--|
| Talc (CAS 14807-96-6)             | TWA  | 0.3 mg/m3<br>0.1 mg/m3<br>20 mppcf<br>2.4 mppcf | Total dust.<br>Respirable.<br>Respirable.                                  |
| Titanium Dioxide (CAS 13463-67-7) | TWA  | 5 mg/m3<br>15 mg/m3<br>50 mppcf<br>15 mppcf     | Respirable fraction.<br>Total dust.<br>Total dust.<br>Respirable fraction. |

**US. ACGIH Threshold Limit Values**

| Components                              | Type        | Value              | Form                 |
|---|-------------|--------------------|----------------------|
| ACETIC ACID, ETHYL ESTER (CAS 141-78-6) | TWA         | 400 ppm            |                      |
| Acetone (CAS 67-64-1)                   | STEL<br>TWA | 500 ppm<br>250 ppm |                      |
| Dibutyl Phthalate (CAS 84-74-2)         | TWA         | 5 mg/m3            |                      |
| Ethylbenzene (CAS 100-41-4)             | TWA         | 20 ppm             |                      |
| Isopropyl Benzene (CAS 98-82-8)         | TWA         | 50 ppm             |                      |
| Talc (CAS 14807-96-6)                   | TWA         | 2 mg/m3            | Respirable fraction. |
| Titanium Dioxide (CAS 13463-67-7)       | TWA         | 10 mg/m3           |                      |

**US. ACGIH Threshold Limit Values**

| Components                         | Type | Value   | Form |
|------------------------------------|------|---------|------|
| Toluene (CAS 108-88-3)             | TWA  | 20 ppm  |      |
| Trimethyl Benzene (CAS 25551-13-7) | TWA  | 25 ppm  |      |
| Trimethyl Benzene (CAS 95-63-6)    | TWA  | 25 ppm  |      |
| Xylene (CAS 1330-20-7)             | STEL | 150 ppm |      |
|                                    | TWA  | 100 ppm |      |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components                              | Type | Value      | Form        |
|---|------|------------|-------------|
| ACETIC ACID, ETHYL ESTER (CAS 141-78-6) | TWA  | 1400 mg/m3 |             |
|   |      | 400 ppm    |             |
| Acetone (CAS 67-64-1)                   | TWA  | 590 mg/m3  |             |
|   |      | 250 ppm    |             |
| Dibutyl Phthalate (CAS 84-74-2)         | TWA  | 5 mg/m3    |             |
| Ethylbenzene (CAS 100-41-4)             | STEL | 545 mg/m3  |             |
|   |      | 125 ppm    |             |
|   | TWA  | 435 mg/m3  |             |
|   |      | 100 ppm    |             |
| Isopropyl Benzene (CAS 98-82-8)         | TWA  | 245 mg/m3  |             |
|   |      | 50 ppm     |             |
| Talc (CAS 14807-96-6)                   | TWA  | 2 mg/m3    | Respirable. |
| Toluene (CAS 108-88-3)                  | STEL | 560 mg/m3  |             |
|   |      | 150 ppm    |             |
|   | TWA  | 375 mg/m3  |             |
|   |      | 100 ppm    |             |
| Trimethyl Benzene (CAS 95-63-6)         | TWA  | 125 mg/m3  |             |
|   |      | 25 ppm     |             |

**US. Workplace Environmental Exposure Level (WEEL) Guides**

| Components                               | Type | Value      |
|--|------|------------|
| Dimethyl Ether Regulatory (CAS 115-10-6) | TWA  | 1880 mg/m3 |
|  |      | 1000 ppm   |

**Biological limit values****ACGIH Biological Exposure Indices**

| Components                  | Value     | Determinant                                   | Specimen            | Sampling Time |
|-----------------------------|-----------|---|---------------------|---------------|
| Acetone (CAS 67-64-1)       | 25 mg/l   | Acetone                                       | Urine               | *             |
| Ethylbenzene (CAS 100-41-4) | 0.15 g/g  | Sum of mandelic acid and phenylglyoxylic acid | Creatinine in urine | *             |
| Toluene (CAS 108-88-3)      | 0.3 mg/g  | o-Cresol, with hydrolysis                     | Creatinine in urine | *             |
|                             | 0.03 mg/l | Toluene                                       | Urine               | *             |
|                             | 0.02 mg/l | Toluene                                       | Blood               | *             |
| Xylene (CAS 1330-20-7)      | 1.5 g/g   | Methylhippuric acids                          | Creatinine in urine | *             |

\* - For sampling details, please see the source document.

**Exposure guidelines****US - California OELs: Skin designation**

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Isopropyl Benzene (CAS 98-82-8) | Can be absorbed through the skin. |
| Toluene (CAS 108-88-3)          | Can be absorbed through the skin. |

**US - Minnesota Haz Subs: Skin designation applies**

Isopropyl Benzene (CAS 98-82-8)  
Toluene (CAS 108-88-3)

Skin designation applies.  
Skin designation applies.

**US - Tennessee OELs: Skin designation**

Isopropyl Benzene (CAS 98-82-8)

Can be absorbed through the skin.

**US NIOSH Pocket Guide to Chemical Hazards: Skin designation**

Isopropyl Benzene (CAS 98-82-8)

Can be absorbed through the skin.

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Isopropyl Benzene (CAS 98-82-8)

Can be absorbed through the skin.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Chemical respirator with organic vapor cartridge and full facepiece.

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves.

**Other**

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection**

Chemical respirator with organic vapor cartridge and full facepiece.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

**Appearance****Physical state**

Liquid.

**Form**

Aerosol.

**Color**

White

**Odor**

Solvent.

**Odor threshold**

Not available.

**pH**

Not available.

**Melting point/freezing point**

-222.7 °F (-141.5 °C) estimated

**Initial boiling point and boiling range**

-12.68 °F (-24.82 °C) estimated

**Flash point**

-42.0 °F (-41.1 °C) estimated

**Evaporation rate**

Not available.

**Flammability (solid, gas)**

Not applicable.

**Upper/lower flammability or explosive limits****Flammability limit - lower (%)**

1.3 % estimated

**Flammability limit - upper (%)**

27 % estimated

**Explosive limit - lower (%)**

Not available.

**Explosive limit - upper (%)**

Not available.

**Vapor pressure**

2908.14 hPa estimated

**Vapor density**

Not available.

**Relative density**

Not available.

|  |  |
|--|--|
| <b>Solubility(ies)</b>                         |  |
| <b>Solubility (water)</b>                      | Not available.                                 |
| <b>Partition coefficient (n-octanol/water)</b> | Not available.                                 |
| <b>Auto-ignition temperature</b>               | 662 °F (350 °C) estimated                      |
| <b>Decomposition temperature</b>               | Not available.                                 |
| <b>Viscosity</b>                               | Not available.                                 |
| <b>Other information</b>                       |  |
| <b>Density</b>                                 | 1.78 g/cm3 estimated                           |
| <b>Explosive properties</b>                    | Not explosive.                                 |
| <b>Flammability class</b>                      | Flammable IA estimated                         |
| <b>Heat of combustion (NFPA 30B)</b>           | 16.42 kJ/g estimated                           |
| <b>Oxidizing properties</b>                    | Not oxidizing.                                 |
| <b>Percent volatile</b>                        | 71.29 w/w % By Weight<br>85.92 v/v % By Volume |
| <b>Specific gravity</b>                        | 1.78 estimated                                 |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.  |
| <b>Conditions to avoid</b>                | Avoid temperatures exceeding the flash point. Contact with incompatible materials.            |
| <b>Incompatible materials</b>             | Strong acids. Strong oxidizing agents. Nitrates. Halogens.                                    |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. |
| <b>Skin contact</b> | Causes skin irritation.  |
| <b>Eye contact</b>  | Causes serious eye irritation.   |
| <b>Ingestion</b>    | Harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.     |

|   |  |
|---|--|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. |
|---|--|

### Information on toxicological effects

|                       |   |
|-----------------------|---|
| <b>Acute toxicity</b> | May be fatal if swallowed and enters airways. |
|-----------------------|---|

| Components                      | Species | Test Results        |
|---------------------------------|---------|---------------------|
| Dibutyl Phthalate (CAS 84-74-2) |         |                     |
| <b>Acute</b>                    |         |                     |
| <b>Dermal</b>                   |         |                     |
| LD50                            | Rabbit  | 4200 mg/kg          |
| <b>Inhalation</b>               |         |                     |
| LC50                            | Rat     | 15.68 mg/l, 4 Hours |
| Ethylbenzene (CAS 100-41-4)     |         |                     |
| <b>Acute</b>                    |         |                     |
| <b>Oral</b>                     |         |                     |
| LD50                            | Rat     | 3500 mg/kg          |

| Components                      | Species | Test Results      |
|---------------------------------|---------|-------------------|
| Isopropyl Benzene (CAS 98-82-8) |         |                   |
| <b>Acute</b>                    |         |                   |
| <b>Oral</b>                     |         |                   |
| LD50                            | Rat     | 1400 mg/kg        |
| Trimethyl Benzene (CAS 95-63-6) |         |                   |
| <b>Acute</b>                    |         |                   |
| <b>Dermal</b>                   |         |                   |
| LD50                            | Rabbit  | > 3160 mg/kg      |
| Xylene (CAS 1330-20-7)          |         |                   |
| <b>Acute</b>                    |         |                   |
| <b>Oral</b>                     |         |                   |
| LD50                            | Rat     | 3523 - 8600 mg/kg |

\* Estimates for product may be based on additional component data not shown.

|   |   |
|---|---|
| <b>Skin corrosion/irritation</b>                                      | Causes skin irritation.   |
| <b>Serious eye damage/eye irritation</b>                              | Causes serious eye irritation.  |
| <b>Respiratory or skin sensitization</b>                              |   |
| <b>Respiratory sensitization</b>                                      | Not a respiratory sensitizer.   |
| <b>Skin sensitization</b>   | This product is not expected to cause skin sensitization.   |
| <b>Germ cell mutagenicity</b>   | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.  |
| <b>Carcinogenicity</b>  | Suspected of causing cancer.  |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>         |   |
| Ethylbenzene (CAS 100-41-4)   | 2B Possibly carcinogenic to humans.   |
| Isopropyl Benzene (CAS 98-82-8)                                       | 2B Possibly carcinogenic to humans.   |
| Talc (CAS 14807-96-6)   | 2B Possibly carcinogenic to humans.   |
|   | 3 Not classifiable as to carcinogenicity to humans.   |
| Titanium Dioxide (CAS 13463-67-7)                                     | 2B Possibly carcinogenic to humans.   |
| Toluene (CAS 108-88-3)  | 3 Not classifiable as to carcinogenicity to humans.   |
| Xylene (CAS 1330-20-7)  | 3 Not classifiable as to carcinogenicity to humans.   |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b> |   |
|   | Not regulated.  |
| <b>US. National Toxicology Program (NTP) Report on Carcinogens</b>    |   |
| Isopropyl Benzene (CAS 98-82-8)                                       | Reasonably Anticipated to be a Human Carcinogen.  |
| <b>Reproductive toxicity</b>  | Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. May damage fertility or the unborn child. |
| <b>Specific target organ toxicity - single exposure</b>               | May cause drowsiness and dizziness.   |
| <b>Specific target organ toxicity - repeated exposure</b>             | Causes damage to organs through prolonged or repeated exposure.   |
| <b>Aspiration hazard</b>  | May be fatal if swallowed and enters airways.   |
| <b>Chronic effects</b>  | Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.            |

## 12. Ecological information

| Components   | Species  | Test Results                   |
|--|--|--------------------------------|
| Ecotoxicity Toxic to aquatic life with long lasting effects. |  |                                |
| ACETIC ACID, ETHYL ESTER (CAS 141-78-6)                      |  |                                |
| <b>Aquatic</b>   |  |                                |
| Fish   | LC50 Indian catfish ( <i>Heteropneustes fossilis</i> ) | 200.32 - 225.42 mg/l, 96 hours |
| Acetone (CAS 67-64-1)  |  |                                |
| <b>Aquatic</b>   |  |                                |
| Crustacea  | EC50 Water flea ( <i>Daphnia magna</i> )               | 10294 - 17704 mg/l, 48 hours   |

| Components                               |      | Species  | Test Results                 |
|--|------|--|------------------------------|
| Fish                                     | LC50 | Rainbow trout,donaldson trout<br>(Oncorhynchus mykiss) | 4740 - 6330 mg/l, 96 hours   |
| <b>Dibutyl Phthalate (CAS 84-74-2)</b>   |      |  |                              |
| <b>Aquatic</b>                           |      |  |                              |
| Crustacea                                | EC50 | Water flea (Daphnia magna)                             | 2.99 mg/l, 48 hours          |
| Fish                                     | LC50 | Channel catfish (Ictalurus punctatus)                  | 0.4 - 0.53 mg/l, 96 hours    |
| <b>Ethylbenzene (CAS 100-41-4)</b>       |      |  |                              |
| <b>Aquatic</b>                           |      |  |                              |
| Crustacea                                | EC50 | Water flea (Daphnia magna)                             | 1.37 - 4.4 mg/l, 48 hours    |
| Fish                                     | LC50 | Fathead minnow (Pimephales promelas)                   | 7.5 - 11 mg/l, 96 hours      |
| <b>Isopropyl Benzene (CAS 98-82-8)</b>   |      |  |                              |
| <b>Aquatic</b>                           |      |  |                              |
| Crustacea                                | EC50 | Brine shrimp (Artemia sp.)                             | 3.55 - 11.29 mg/l, 48 hours  |
| Fish                                     | LC50 | Rainbow trout,donaldson trout<br>(Oncorhynchus mykiss) | 2.7 mg/l, 96 hours           |
| <b>Titanium Dioxide (CAS 13463-67-7)</b> |      |  |                              |
| <b>Aquatic</b>                           |      |  |                              |
| Crustacea                                | EC50 | Water flea (Daphnia magna)                             | > 1000 mg/l, 48 hours        |
| Fish                                     | LC50 | Mummichog (Fundulus heteroclitus)                      | > 1000 mg/l, 96 hours        |
| <b>Toluene (CAS 108-88-3)</b>            |      |  |                              |
| <b>Aquatic</b>                           |      |  |                              |
| Crustacea                                | EC50 | Water flea (Daphnia magna)                             | 5.46 - 9.83 mg/l, 48 hours   |
| Fish                                     | LC50 | Coho salmon,silver salmon<br>(Oncorhynchus kisutch)    | 8.11 mg/l, 96 hours          |
| <b>Trimethyl Benzene (CAS 95-63-6)</b>   |      |  |                              |
| <b>Aquatic</b>                           |      |  |                              |
| Fish                                     | LC50 | Fathead minnow (Pimephales promelas)                   | 7.19 - 8.28 mg/l, 96 hours   |
| <b>Xylene (CAS 1330-20-7)</b>            |      |  |                              |
| <b>Aquatic</b>                           |      |  |                              |
| Fish                                     | LC50 | Bluegill (Lepomis macrochirus)                         | 7.711 - 9.591 mg/l, 96 hours |

\* Estimates for product may be based on additional component data not shown.

#### Persistence and degradability

#### Bioaccumulative potential

##### Partition coefficient n-octanol / water (log Kow)

|                           |            |
|---------------------------|------------|
| ACETIC ACID, ETHYL ESTER  | 0.73       |
| Acetone                   | -0.24      |
| Dibutyl Phthalate         | 4.9        |
| Dimethyl Ether Regulatory | 0.1        |
| Ethylbenzene              | 3.15       |
| Isopropyl Benzene         | 3.66       |
| Toluene                   | 2.73       |
| Xylene                    | 3.12 - 3.2 |

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

|  |  |
|--|--|
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).                           |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. |

## 14. Transport information

The following transportation information is provided based on the manufacturer's interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking, and labeling prior to offering for transport.

### DOT

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN1950  |
| <b>UN proper shipping name</b>      | Aerosols, flammable, (each not exceeding 1 L capacity)                  |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 2.1   |
| <b>Subsidiary risk</b>              | -   |
| <b>Label(s)</b>                     | 2.1   |
| <b>Packing group</b>                | Not applicable.   |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Special provisions</b>           | N82   |
| <b>Packaging exceptions</b>         | 306   |
| <b>Packaging non bulk</b>           | None  |
| <b>Packaging bulk</b>               | None  |

### IATA

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN1950  |
| <b>UN proper shipping name</b>      | Aerosols, flammable   |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>                        | 2.1   |
| <b>Subsidiary risk</b>              | -   |
| <b>Packing group</b>                | Not applicable.   |
| <b>Environmental hazards</b>        | No.   |
| <b>ERG Code</b>                     | 10L   |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Other information</b>            |   |
| <b>Passenger and cargo aircraft</b> | Allowed with restrictions.  |
| <b>Cargo aircraft only</b>          | Allowed with restrictions.  |

### IMDG

|   |   |
|---|---|
| <b>UN number</b>  | UN1950  |
| <b>UN proper shipping name</b>  | Aerosols, flammable, (each not exceeding 1 L capacity)                  |
| <b>Transport hazard class(es)</b>   |   |
| <b>Class</b>  | 2.1   |
| <b>Subsidiary risk</b>  | -   |
| <b>Label(s)</b>   | 2.1   |
| <b>Packing group</b>  | Not applicable.   |
| <b>Environmental hazards</b>  |   |
| <b>Marine pollutant</b>   | No.   |
| <b>EmS</b>  | Not available.  |
| <b>Special precautions for user</b>   | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | Not established.  |

DOT



IATA; IMDG



## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**TSCA Chemical Action Plans, Chemicals of Concern**

Dibutyl Phthalate (CAS 84-74-2)

Phthalates Action Plan

**CERCLA Hazardous Substance List (40 CFR 302.4)**

ACETIC ACID, ETHYL ESTER (CAS 141-78-6)

Listed.

Acetone (CAS 67-64-1)

Listed.

Dibutyl Phthalate (CAS 84-74-2)

Listed.

Dimethyl Ether Regulatory (CAS 115-10-6)

Listed.

Ethylbenzene (CAS 100-41-4)

Listed.

Isopropyl Benzene (CAS 98-82-8)

Listed.

Toluene (CAS 108-88-3)

Listed.

Xylene (CAS 1330-20-7)

Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**

Immediate Hazard - Yes

Delayed Hazard - Yes

Fire Hazard - Yes

Pressure Hazard - No

Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

| Chemical name     | CAS number | % by wt.  |
|-------------------|------------|-----------|
| Dibutyl Phthalate | 84-74-2    | < 1       |
| Ethylbenzene      | 100-41-4   | < 1       |
| Toluene           | 108-88-3   | 10 - < 20 |
| Trimethyl Benzene | 95-63-6    | 1 - < 3   |
| Xylene            | 1330-20-7  | 5 - < 10  |

## Other federal regulations

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Dibutyl Phthalate (CAS 84-74-2)  
Ethylbenzene (CAS 100-41-4)  
Isopropyl Benzene (CAS 98-82-8)  
Toluene (CAS 108-88-3)  
Xylene (CAS 1330-20-7)

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Dimethyl Ether Regulatory (CAS 115-10-6)

### Safe Drinking Water Act (SDWA) Not regulated.

### Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Acetone (CAS 67-64-1) 6532  
Toluene (CAS 108-88-3) 6594

### Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Acetone (CAS 67-64-1) 35 %WV  
Toluene (CAS 108-88-3) 35 %WV

### DEA Exempt Chemical Mixtures Code Number

Acetone (CAS 67-64-1) 6532  
Toluene (CAS 108-88-3) 594

### FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

ACETIC ACID, ETHYL ESTER (CAS 141-78-6) Low priority  
Acetone (CAS 67-64-1) Low priority

**US state regulations** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Carbon Black (CAS 1333-86-4) Listed: February 21, 2003  
Crystalline Quartz (CAS 14808-60-7) Listed: October 1, 1988  
Ethylbenzene (CAS 100-41-4) Listed: June 11, 2004  
Isopropyl Benzene (CAS 98-82-8) Listed: April 6, 2010  
Titanium Dioxide (CAS 13463-67-7) Listed: September 2, 2011

### US - California Proposition 65 - CRT: Listed date/Developmental toxin

Dibutyl Phthalate (CAS 84-74-2) Listed: December 2, 2005  
N-Methyl-2-Pyrrolidone (CAS 872-50-4) Listed: June 15, 2001  
Toluene (CAS 108-88-3) Listed: January 1, 1991

### US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Dibutyl Phthalate (CAS 84-74-2) Listed: December 2, 2005

### US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Dibutyl Phthalate (CAS 84-74-2) Listed: December 2, 2005

### US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Acetone (CAS 67-64-1)  
Dibutyl Phthalate (CAS 84-74-2)  
Ethylbenzene (CAS 100-41-4)  
Isopropyl Benzene (CAS 98-82-8)  
Talc (CAS 14807-96-6)  
Titanium Dioxide (CAS 13463-67-7)  
Toluene (CAS 108-88-3)  
Trimethyl Benzene (CAS 95-63-6)  
Xylene (CAS 1330-20-7)

## International Inventories

| Country(s) or region | Inventory name   | On inventory (yes/no)* |
|----------------------|--|------------------------|
| Australia            | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada               | Domestic Substances List (DSL)   | No                     |
| Canada               | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe               | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |

| Country(s) or region        | Inventory name  | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Europe                      | European List of Notified Chemical Substances (ELINCS)            | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)          | No                     |
| Korea                       | Existing Chemicals List (ECL)                                     | No                     |
| New Zealand                 | New Zealand Inventory   | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                     | No                     |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

|                      |  |
|----------------------|--|
| <b>Revision date</b> | 5/7/2024   |
| <b>Version #</b>     | 2  |
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