

## SAFETY DATA SHEET



## 1. Identification

|                                                               |                                                                            |
|---------------------------------------------------------------|----------------------------------------------------------------------------|
| <b>Product identifier</b>                                     | <b>KILZ Original Interior Primer - Aerosol</b>                             |
| <b>Other means of identification</b>                          |                                                                            |
| <b>Product code</b>                                           | 10004                                                                      |
| <b>Recommended use</b>                                        | Architectural Coating                                                      |
| <b>Recommended restrictions</b>                               | None known.                                                                |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |                                                                            |
| <b>Supplier</b>                                               | Masterchem Industries LLC<br>3135 Old Highway M<br>Imperial, MO 63052-2834 |
| <b>Telephone</b>                                              | 636-942-2510                                                               |
| <b>Emergency telephone</b>                                    | +1 760 476 3962<br>+1 866 519 4752                                         |
| <b>Access code</b>                                            | 335213                                                                     |

## 2. Hazard(s) identification

|                             |                                                   |                             |
|-----------------------------|---------------------------------------------------|-----------------------------|
| <b>Physical hazards</b>     | Flammable aerosols                                | Category 1                  |
|                             | Gases under pressure                              | Liquefied gas               |
| <b>Health hazards</b>       | Skin corrosion/irritation                         | Category 2                  |
|                             | Serious eye damage/eye irritation                 | Category 2                  |
|                             | Sensitization, skin                               | Category 1                  |
|                             | Carcinogenicity                                   | Category 2                  |
|                             | Specific target organ toxicity, single exposure   | Category 3 narcotic effects |
|                             | Specific target organ toxicity, repeated exposure | Category 1 (lungs)          |
| <b>OSHA defined hazards</b> | Not classified.                                   |                             |
| <b>Label elements</b>       |                                                   |                             |



|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Signal word</b>             | Danger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Hazard statement</b>        | Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Causes damage to organs (lungs) through prolonged or repeated exposure.                                                                                                                                                                                                                                                                                                       |
| <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 mist/vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. |
| <b>Response</b>                | 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. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.                                                                                                                              |

|                                                  |                                                                                                                                                                                                |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                                   | Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. 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>                  | None.                                                                                                                                                                                          |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                           | CAS number | %       |
|-----------------------------------------|------------|---------|
| Acetone                                 | 67-64-1    | 10 - 30 |
| Naphtha (petroleum), hydrotreated light | 64742-49-0 | 10 - 30 |
| Butane                                  | 106-97-8   | 7 - 13  |
| Propane                                 | 74-98-6    | 7 - 13  |
| Talc                                    | 14807-96-6 | 7 - 13  |
| Titanium dioxide                        | 13463-67-7 | 7 - 13  |
| Limestone                               | 1317-65-3  | 5 - 10  |
| 2-Butanone oxime                        | 96-29-7    | 0.1 - 1 |

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The manufacturer has claimed the exact percentage as trade secret under the OSHA Hazard Communication Standard.

### 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 immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. 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>                                                              | Not likely, due to the form of the product. In the unlikely event of swallowing contact a physician or poison control center. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.                     |
| <b>Most important symptoms/effects, acute and delayed</b>                     | May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. 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 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. Wash contaminated clothing before reuse.                              |

### 5. Fire-fighting measures

|                                                                      |                                                                                                                                                                  |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Alcohol resistant foam. Dry chemical 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. |

**Fire fighting equipment/instructions**

In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. 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.

**Specific methods**

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk.

**General fire hazards**

Extremely flammable aerosol. Contents under pressure. Pressurized container may explode when exposed to heat or flame.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Emergency personnel need self-contained breathing equipment. 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.

**Methods and materials for containment and cleaning up**

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. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

**7. Handling and storage**

**Precautions for safe handling**

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. Protect containers from physical damage; do not drag, roll, slide, or drop. Do not re-use empty containers. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

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

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 in tightly closed container. Store in a well-ventilated place. Stored containers should be periodically checked for general condition and leakage. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls/personal protection**

**Occupational exposure limits**

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

| Components                        | Type | Value      | Form                 |
|-----------------------------------|------|------------|----------------------|
| Acetone (CAS 67-64-1)             | PEL  | 2400 mg/m3 |                      |
|                                   |      | 1000 ppm   |                      |
| Limestone (CAS 1317-65-3)         | PEL  | 5 mg/m3    | Respirable fraction. |
|                                   |      | 15 mg/m3   | Total dust.          |
| Propane (CAS 74-98-6)             | PEL  | 1800 mg/m3 |                      |
|                                   |      | 1000 ppm   |                      |
| Titanium dioxide (CAS 13463-67-7) | PEL  | 15 mg/m3   | Total dust.          |

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

| Components            | Type | Value     | Form        |
|-----------------------|------|-----------|-------------|
| Talc (CAS 14807-96-6) | TWA  | 0.1 mg/m3 | Respirable. |
|                       |      | 20 mppcf  |             |
|                       |      | 2.4 mppcf | Respirable. |

**US. ACGIH Threshold Limit Values**

| Components                        | Type | Value    | Form                 |
|-----------------------------------|------|----------|----------------------|
| Acetone (CAS 67-64-1)             | STEL | 500 ppm  |                      |
|                                   | TWA  | 250 ppm  |                      |
| Butane (CAS 106-97-8)             | STEL | 1000 ppm |                      |
| Talc (CAS 14807-96-6)             | TWA  | 2 mg/m3  | Respirable fraction. |
| Titanium dioxide (CAS 13463-67-7) | TWA  | 10 mg/m3 |                      |

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

| Components                | Type | Value      | Form        |
|---------------------------|------|------------|-------------|
| Acetone (CAS 67-64-1)     | TWA  | 590 mg/m3  |             |
|                           |      | 250 ppm    |             |
| Butane (CAS 106-97-8)     | TWA  | 1900 mg/m3 |             |
|                           |      | 800 ppm    |             |
| Limestone (CAS 1317-65-3) | TWA  | 5 mg/m3    | Respirable. |
|                           |      | 10 mg/m3   | Total       |
| Propane (CAS 74-98-6)     | TWA  | 1800 mg/m3 |             |
|                           |      | 1000 ppm   |             |
| Talc (CAS 14807-96-6)     | TWA  | 2 mg/m3    | Respirable. |

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

| Components                     | Type | Value    |
|--------------------------------|------|----------|
| 2-Butanone oxime (CAS 96-29-7) | TWA  | 36 mg/m3 |
|                                |      | 10 ppm   |

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

| Components            | Value   | Determinant | Specimen | Sampling Time |
|-----------------------|---------|-------------|----------|---------------|
| Acetone (CAS 67-64-1) | 25 mg/l | Acetone     | Urine    | *             |

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

**Appropriate engineering controls**

Good general ventilation 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 and safety shower.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves.

**Skin protection**

**Other** Wear appropriate chemical resistant clothing.

**Respiratory protection** If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection. Chemical respirator with organic vapor cartridge and full facepiece. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations** Observe any medical surveillance requirements. When using do not smoke. 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. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

### Appearance

**Physical state** Liquid.

**Form** Aerosol.

**Color** White.

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** 247.9 °F (119.9 °C) estimated

**Flash point** -155.9 °F (-104.4 °C) (Propellant) estimated

**Evaporation rate** Not available.

**Flammability (solid, gas)** Not applicable.

### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** 1.6 % v/v estimated

**Flammability limit - upper (%)** 9.3 % v/v estimated

**Vapor pressure** 60 - 70 psi (68 °F (20 °C)) estimated

**Vapor density** Not available.

**Relative density** Not available.

### Solubility(ies)

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

**Auto-ignition temperature** 827.1 °F (441.72 °C) estimated

**Decomposition temperature** Not available.

**Viscosity** Not available.

### Other information

**Explosive properties** Not explosive.

**Oxidizing properties** Not oxidizing.

**VOC** < 0.7 MIR

## 10. Stability and reactivity

**Reactivity** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical stability** Material is stable under normal conditions.

**Possibility of hazardous reactions** No dangerous reaction known under conditions of normal use.

**Conditions to avoid** Heat. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**Incompatible materials** Strong oxidizing agents.

**Hazardous decomposition products** No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | Causes skin irritation. May cause an allergic skin reaction.                                        |
| <b>Eye contact</b>  | Causes serious eye irritation.                                                                      |
| <b>Ingestion</b>    | May cause discomfort if swallowed.                                                                  |

**Symptoms related to the physical, chemical and toxicological characteristics** May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

### Information on toxicological effects

#### Acute toxicity

| Components                                               | Species | Test Results            |
|----------------------------------------------------------|---------|-------------------------|
| 2-Butanone oxime (CAS 96-29-7)                           |         |                         |
| <b>Acute</b>                                             |         |                         |
| <b>Dermal</b>                                            |         |                         |
| LD50                                                     | Rabbit  | > 1000 mg/kg, 24 Hours  |
| <b>Oral</b>                                              |         |                         |
| LD50                                                     | Rat     | > 900 mg/kg             |
| Acetone (CAS 67-64-1)                                    |         |                         |
| <b>Acute</b>                                             |         |                         |
| <b>Dermal</b>                                            |         |                         |
| LD50                                                     | Rabbit  | > 15700 mg/kg, 24 Hours |
| <b>Inhalation</b>                                        |         |                         |
| <i>Vapor</i>                                             |         |                         |
| LC50                                                     | Rat     | 76 mg/l, 4 Hours        |
| <b>Oral</b>                                              |         |                         |
| LD50                                                     | Rat     | 5800 mg/kg              |
| Butane (CAS 106-97-8)                                    |         |                         |
| <b>Acute</b>                                             |         |                         |
| <b>Inhalation</b>                                        |         |                         |
| LC50                                                     | Rat     | 658 mg/l, 4 Hours       |
| Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) |         |                         |
| <b>Acute</b>                                             |         |                         |
| <b>Dermal</b>                                            |         |                         |
| LD50                                                     | Rabbit  | > 2000 mg/kg            |
| <b>Inhalation</b>                                        |         |                         |
| LC50                                                     | Rat     | > 5000 mg/m3            |
| <b>Oral</b>                                              |         |                         |
| LD50                                                     | Rat     | > 2000 mg/kg            |
| Propane (CAS 74-98-6)                                    |         |                         |
| <b>Acute</b>                                             |         |                         |
| <b>Inhalation</b>                                        |         |                         |
| <i>Gas</i>                                               |         |                         |
| LC50                                                     | Rat     | > 80000 ppm, 15 Minutes |
| Talc (CAS 14807-96-6)                                    |         |                         |
| <b>Acute</b>                                             |         |                         |
| <b>Oral</b>                                              |         |                         |
| LD50                                                     | Rat     | > 5000 mg/kg            |

| Components                                                            | Species                                                                                                          | Test Results |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------|
| Titanium dioxide (CAS 13463-67-7)                                     |                                                                                                                  |              |
| <b>Acute</b>                                                          |                                                                                                                  |              |
| <b>Oral</b>                                                           |                                                                                                                  |              |
| LD50                                                                  | Rat                                                                                                              | > 5000 mg/kg |
| <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>                                             | May cause an allergic skin reaction.                                                                             |              |
| <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>         |                                                                                                                  |              |
| Talc (CAS 14807-96-6)                                                 | 3 Not classifiable as to carcinogenicity to humans.                                                              |              |
| Titanium dioxide (CAS 13463-67-7)                                     | 2B Possibly carcinogenic to humans.                                                                              |              |
| <b>NTP Report on Carcinogens</b>                                      |                                                                                                                  |              |
| Not listed.                                                           |                                                                                                                  |              |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)</b> |                                                                                                                  |              |
| Not listed.                                                           |                                                                                                                  |              |
| <b>Reproductive toxicity</b>                                          | This product is not expected to cause reproductive or developmental effects.                                     |              |
| <b>Specific target organ toxicity - single exposure</b>               | May cause drowsiness or dizziness.                                                                               |              |
| <b>Specific target organ toxicity - repeated exposure</b>             | Causes damage to organs (lungs) through prolonged or repeated exposure.                                          |              |
| <b>Aspiration hazard</b>                                              | Not an aspiration hazard.                                                                                        |              |
| <b>Chronic effects</b>                                                | Prolonged inhalation may be harmful. Causes damage to organs through prolonged or repeated exposure.             |              |

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

| Components                                               | Species | Test Results                               |
|----------------------------------------------------------|---------|--------------------------------------------|
| Acetone (CAS 67-64-1)                                    |         |                                            |
| <b>Aquatic</b>                                           |         |                                            |
| <i>Acute</i>                                             |         |                                            |
| Crustacea                                                | LC50    | Daphnia pulex<br>8800 mg/l, 48 Hours       |
| Fish                                                     | LC50    | Pimephales promelas<br>7163 mg/l, 96 Hours |
| <i>Chronic</i>                                           |         |                                            |
| Crustacea                                                | NOEC    | Daphnia magna<br>> 79 mg/l, 21 days        |
| Naphtha (petroleum), hydrotreated light (CAS 64742-49-0) |         |                                            |
| <b>Aquatic</b>                                           |         |                                            |
| <i>Acute</i>                                             |         |                                            |
| Algae                                                    | EC50    | Algae<br>0.4 mg/l, 72 hours                |
| Crustacea                                                | EC50    | Daphnia magna<br>0.7 - 0.9 mg/l, 48 hours  |
| Fish                                                     | LC50    | Fish<br>0.3 - 1.3 mg/l, 96 hours           |
| Titanium dioxide (CAS 13463-67-7)                        |         |                                            |
| <b>Aquatic</b>                                           |         |                                            |
| <i>Acute</i>                                             |         |                                            |
| Crustacea                                                | EC50    | Daphnia magna<br>> 100 mg/l, 48 Hours      |
| Fish                                                     | LL50    | Oryzias latipes<br>> 100 mg/l, 96 Hours    |

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

## Bioaccumulative potential

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

|                       |       |
|-----------------------|-------|
| Acetone (CAS 67-64-1) | -0.24 |
| Butane (CAS 106-97-8) | 2.89  |
| Propane (CAS 74-98-6) | 2.36  |

**Mobility in soil** No data available.

**Other adverse effects** The product contains volatile organic compounds which have a photochemical ozone creation potential.

## 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. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.

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

**Hazardous waste code** D001: Waste Flammable material with a flash point <140 F  
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** 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).

**Contaminated packaging** 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

### DOT

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN1950                                                                  |
| <b>UN proper shipping name</b>      | AEROSOLS                                                                |
| <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>                | -                                                                       |
| <b>Environmental hazards</b>        |                                                                         |
| <b>Marine pollutant</b>             | No                                                                      |
| <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                                                                |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 2.1                                                                     |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Packing group</b>                | -                                                                       |
| <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. |

### IMDG

|                                   |          |
|-----------------------------------|----------|
| <b>UN number</b>                  | UN1950   |
| <b>UN proper shipping name</b>    | AEROSOLS |
| <b>Transport hazard class(es)</b> |          |
| <b>Class</b>                      | 2.1      |
| <b>Subsidiary risk</b>            | -        |
| <b>Packing group</b>              | -        |

**Environmental hazards****Marine pollutant** No**EmS** F-D, S-U**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.**15. Regulatory information****US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are listed on or exempt from the U.S. EPA TSCA Inventory List.**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

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

Acetone (CAS 67-64-1) Listed.

Butane (CAS 106-97-8) Listed.

Propane (CAS 74-98-6) Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)**

Not listed.

**Toxic Substances Control Act (TSCA)****Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes**Classified hazard categories** Flammable (gases, aerosols, liquids, or solids)  
Gas under pressure  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Respiratory or skin sensitization  
Carcinogenicity  
Specific target organ toxicity (single or repeated exposure)**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

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

Butane (CAS 106-97-8)

Propane (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Contains component(s) regulated under the Safe Drinking Water Act.**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

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

Acetone (CAS 67-64-1) 35 %WV

**DEA Exempt Chemical Mixtures Code Number**

Acetone (CAS 67-64-1) 6532

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

Acetone (CAS 67-64-1) Low priority

## US state regulations

### US. Massachusetts RTK - Substance List

Acetone (CAS 67-64-1)  
Butane (CAS 106-97-8)  
Limestone (CAS 1317-65-3)  
Propane (CAS 74-98-6)  
Talc (CAS 14807-96-6)  
Titanium dioxide (CAS 13463-67-7)

### US. New Jersey Worker and Community Right-to-Know Act

Acetone (CAS 67-64-1)  
Butane (CAS 106-97-8)  
Limestone (CAS 1317-65-3)  
Propane (CAS 74-98-6)  
Talc (CAS 14807-96-6)  
Titanium dioxide (CAS 13463-67-7)

### US. Pennsylvania Worker and Community Right-to-Know Law

Acetone (CAS 67-64-1)  
Butane (CAS 106-97-8)  
Limestone (CAS 1317-65-3)  
Propane (CAS 74-98-6)  
Talc (CAS 14807-96-6)  
Titanium dioxide (CAS 13463-67-7)

### US. Rhode Island RTK

Acetone (CAS 67-64-1)  
Butane (CAS 106-97-8)  
Limestone (CAS 1317-65-3)  
Propane (CAS 74-98-6)  
Talc (CAS 14807-96-6)  
Titanium dioxide (CAS 13463-67-7)

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

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issue date</b>            | 27-October-2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Revision date</b>         | 09-December-2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Version #</b>             | 02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Further information</b>   | HMIS® is a registered trade and service mark of the ACA.<br>G - Safety Glasses, Gloves, Vapor Respirator                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>HMIS® ratings</b>         | Health: 3*<br>Flammability: 4<br>Physical hazard: 3<br>Personal protection: G                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>List of abbreviations</b> | DOT: Department of Transportation (49 CFR 172.101).<br>IATA: International Air Transport Association.<br>IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.<br>IMDG Code: International Maritime Dangerous Goods Code.<br>LC50: Lethal Concentration, 50%.<br>LD50: Lethal Dose, 50%.<br>MARPOL: International Convention for the Prevention of Pollution from Ships.<br>PEL: Permissible Exposure Limit.<br>STEL: Short-Term Exposure Limit.<br>TWA: Time Weighted Average Value. |
| <b>References</b>            | HSDB® - Hazardous Substances Data Bank                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Disclaimer</b>            | Masterchem Industries LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.                                           |