

# SAFETY DATA SHEET

## 1. Identification

**Product number** 80-774

**Product identifier** Citri-Blast Citrus Degreaser

**Company information** KIMBALL MIDWEST  
4800 ROBERTS RD  
COLUMBUS, OH 43228

**Company phone** 1-800-233-1294

**Emergency telephone US** 1-800-424-9300 (Chemtrec)

**Version #** 01

**Recommended use** CLEANER

**Recommended restrictions** None known.

## 2. Hazard(s) identification

|                              |                                                        |                |
|------------------------------|--------------------------------------------------------|----------------|
| <b>Physical hazards</b>      | Flammable aerosols                                     | Category 1     |
|                              | Gases under pressure                                   | Compressed gas |
| <b>Health hazards</b>        | Serious eye damage/eye irritation                      | Category 2A    |
|                              | 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



**Signal word** Danger

**Hazard statement** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes serious eye irritation. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

### Precautionary statement

|                   |                                                                                                                                                                                                                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Prevention</b> | 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. Wash thoroughly after handling. Avoid release to the environment. Wear eye/face protection.        |
| <b>Response</b>   | If swallowed: Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do NOT induce vomiting. If eye irritation persists: Get medical advice/attention. Collect spillage. |
| <b>Storage</b>    | Store locked up. Protect from sunlight. Store in a well-ventilated place. 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.                                                                                                                                                                                         |

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** 40.67% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 40.67% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

## 3. Composition/information on ingredients

### Mixtures

Product name: Citri-Blast Citrus Degreaser

Product #: 80-774 Version #: 01 Issue date: 08-29-2014

| Chemical name                                  | Common name and synonyms | CAS number | %          |
|------------------------------------------------|--------------------------|------------|------------|
| Diethylene Glycol Monobutyl Ether              |                          | 112-34-5   | 20 - 40    |
| Distillates (Petroleum),<br>Hydrotreated Light |                          | 64742-47-8 | 20 - 40    |
| Acetone                                        |                          | 67-64-1    | 10 - 20    |
| Dimethyl adipate                               |                          | 627-93-0   | 10 - 20    |
| Carbon Dioxide                                 |                          | 124-38-9   | 2.5 - 10   |
| Ethoxylated Alcohol                            |                          | 34398-01-1 | 2.5 - 10   |
| Dimethyl Glutarate                             |                          | 1119-40-0  | 1 - 2.5    |
| Other components below reportable levels       |                          |            | 0.01 - 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>                                                             | Move to fresh air. Call a physician if symptoms develop or persist.                                                                                                                                |
| <b>Skin contact</b>                                                           | Wash off with soap and water. Get medical attention if irritation develops and persists.                                                                                                           |
| <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. If eye irritation persists: Get medical advice/attention. |
| <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.                  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.                                        |
| <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>                                                    | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.                                                                                   |

## 5. Fire-fighting measures

|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Alcohol resistant foam. Water fog. Dry chemical powder. Dry chemicals. Carbon dioxide (CO2).                                                                                                                                                                                                                                                                                                                                                                                           |
| <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.                                                                                                                                                                                                                                                                                                                                                                                              |
| <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>                          | In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. 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. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. 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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

**Environmental precautions**

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.

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****Precautions for safe handling**

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. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains. Observe good industrial hygiene practices.

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

Level 2 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. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Level 3 Aerosol. Level 2 Aerosol.

**8. Exposure controls/personal protection****Occupational exposure limits****US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components                    | Type | Value                  |
|-------------------------------|------|------------------------|
| Acetone (CAS 67-64-1)         | PEL  | 2400 mg/m3<br>1000 ppm |
| Carbon Dioxide (CAS 124-38-9) | PEL  | 9000 mg/m3<br>5000 ppm |

**US. ACGIH Threshold Limit Values**

| Components                                       | Type | Value     | Form                          |
|--------------------------------------------------|------|-----------|-------------------------------|
| Acetone (CAS 67-64-1)                            | STEL | 750 ppm   |                               |
|                                                  | TWA  | 500 ppm   |                               |
| Carbon Dioxide (CAS 124-38-9)                    | STEL | 30000 ppm |                               |
|                                                  | TWA  | 5000 ppm  |                               |
| Diethylene Glycol Monobutyl Ether (CAS 112-34-5) | TWA  | 10 ppm    | Inhalable fraction and vapor. |

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

| Components                    | Type | Value                               |
|-------------------------------|------|-------------------------------------|
| Acetone (CAS 67-64-1)         | TWA  | 590 mg/m3<br>250 ppm                |
| Carbon Dioxide (CAS 124-38-9) | STEL | 54000 mg/m3                         |
|                               | TWA  | 30000 ppm<br>9000 mg/m3<br>5000 ppm |

## Biological limit values

### ACGIH Biological Exposure Indices

| Components            | Value   | Determinant | Specimen | Sampling Time |
|-----------------------|---------|-------------|----------|---------------|
| Acetone (CAS 67-64-1) | 50 mg/l | Acetone     | Urine    | *             |

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

**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.

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

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

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

**Skin protection**

**Other** Wear suitable protective clothing.

**Respiratory protection** If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

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

**General hygiene considerations** 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.

## 9. Physical and chemical properties

### Appearance

**Physical state** Liquid.

**Form** Aerosol. Compressed gas.

**Color** Not available.

**Odor** Not available.

**Odor threshold** Not available.

**pH** Not available.

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

**Initial boiling point and boiling range** 370.7 °F (188.17 °C) estimated

**Flash point** 185.9 °F (85.5 °C) estimated

**Evaporation rate** Not available.

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

### Upper/lower flammability or explosive limits

**Flammability limit - lower (%)** 0.6 % estimated

**Flammability limit - upper (%)** 6.1 % estimated

**Explosive limit - lower (%)** Not available.

**Explosive limit - upper (%)** Not available.

**Vapor pressure** 56.65 psig @70F estimated

**Vapor density** Not available.

**Relative density** 0.609 g/cm3 estimated

**Solubility(ies)**

**Solubility (water)** Not available.

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

**Auto-ignition temperature** 411.02 °F (210.57 °C) estimated

**Decomposition temperature** Not available.

**Viscosity** Not available.

## Other information

|                               |                                  |
|-------------------------------|----------------------------------|
| Density                       | 0.61 g/cm <sup>3</sup> estimated |
| Flammability class            | Combustible IIIA estimated       |
| Heat of combustion            | 25.28 kJ/g estimated             |
| Heat of combustion (NFPA 30B) | 25.6 kJ/g estimated              |
| Percent volatile              | 46.69 % estimated                |
| Specific gravity              | 0.609 estimated                  |
| VOC (Weight %)                | 46.69 % estimated                |

## 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 | Hazardous polymerization does not occur.                                                      |
| Conditions to avoid                | 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

|              |                                                                                                                        |
|--------------|------------------------------------------------------------------------------------------------------------------------|
| Ingestion    | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. |
| Inhalation   | Prolonged inhalation may be harmful.                                                                                   |
| Skin contact | No adverse effects due to skin contact are expected.                                                                   |
| Eye contact  | Causes serious eye irritation.                                                                                         |

**Symptoms related to the physical, chemical and toxicological characteristics** Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

### Information on toxicological effects

**Acute toxicity** May be fatal if swallowed and enters airways.

| Product                                               | Species    | Test Results                         |                                  |
|-------------------------------------------------------|------------|--------------------------------------|----------------------------------|
| 15 OZ KIMBALL HEAVY DUTY ORANGE LB 12PK (CAS Mixture) |            |                                      |                                  |
| Acute                                                 |            |                                      |                                  |
| Dermal                                                |            |                                      |                                  |
| LD50                                                  | -          | 12998.7656 mg/kg estimated           |                                  |
|                                                       | Guinea pig | 63524.3789 mg/kg, 24 Hours estimated |                                  |
|                                                       |            | 80.4106 ml/kg, 24 Hours estimated    |                                  |
|                                                       |            | 7.9114 ml/kg, 2 Days estimated       |                                  |
|                                                       | Rabbit     | 1764.8245 mg/kg, 24 Hours estimated  |                                  |
|                                                       |            | 80.4106 ml/kg, 24 Hours estimated    |                                  |
|                                                       | Rat        | 6234.4141 mg/kg estimated            |                                  |
|                                                       |            |                                      |                                  |
|                                                       | Inhalation |                                      |                                  |
|                                                       | LC50       | Rat                                  | 460.9323 mg/l, 3 Hours estimated |
| 46.4109 mg/l/4h estimated                             |            |                                      |                                  |
| 11.7033 mg/l, 4 Hours estimated                       |            |                                      |                                  |
| Oral                                                  |            |                                      |                                  |
| LC50                                                  | -          | 61703.0039 mg/kg estimated           |                                  |
| LD100                                                 | Rabbit     | 15822.7852 mg/kg estimated           |                                  |
| LD50                                                  | Guinea pig | 7911.3926 mg/kg estimated            |                                  |

| Product                                                      | Species    | Test Results                                         |
|--------------------------------------------------------------|------------|------------------------------------------------------|
|                                                              | Mouse      | 9533.2275 mg/kg estimated                            |
|                                                              | Rabbit     | 9889.2402 mg/kg estimated                            |
|                                                              | Rat        | 6072.3018 mg/kg estimated                            |
|                                                              |            | 18.8195 ml/kg estimated                              |
| Components                                                   | Species    | Test Results                                         |
| Acetone (CAS 67-64-1)                                        |            |                                                      |
| <b>Acute</b>                                                 |            |                                                      |
| <i>Dermal</i>                                                |            |                                                      |
| LD50                                                         | Guinea pig | > 7426 mg/kg, 24 Hours<br>> 9.4 ml/kg, 24 Hours      |
|                                                              | Rabbit     | > 7426 mg/kg, 24 Hours<br>> 9.4 ml/kg, 24 Hours      |
| <i>Inhalation</i>                                            |            |                                                      |
| LC50                                                         | Rat        | 55700 ppm, 3 Hours<br>132 mg/l, 3 Hours<br>50.1 mg/l |
| <i>Oral</i>                                                  |            |                                                      |
| LD50                                                         | Rat        | 5800 mg/kg<br>2.2 ml/kg                              |
| Diethylene Glycol Monobutyl Ether (CAS 112-34-5)             |            |                                                      |
| <b>Acute</b>                                                 |            |                                                      |
| <i>Dermal</i>                                                |            |                                                      |
| LD50                                                         | Guinea pig | 2 ml/kg, 2 Days                                      |
|                                                              | Rabbit     | 2764 mg/kg, 24 Hours                                 |
| <i>Oral</i>                                                  |            |                                                      |
| LD100                                                        | Rabbit     | 4000 mg/kg                                           |
| LD50                                                         | Guinea pig | 2000 mg/kg                                           |
|                                                              | Mouse      | 2410 mg/kg                                           |
|                                                              | Rabbit     | 2500 - 3000 mg/kg                                    |
|                                                              | Rat        | 3306 mg/kg                                           |
| Dimethyl adipate (CAS 627-93-0)                              |            |                                                      |
| <b>Acute</b>                                                 |            |                                                      |
| <i>Dermal</i>                                                |            |                                                      |
| LD50                                                         | Rabbit     | > 1000 mg/kg, 24 Hours                               |
|                                                              | Rat        | > 2000 mg/kg, 24 Hours                               |
| <i>Inhalation</i>                                            |            |                                                      |
| LC50                                                         | Rat        | > 11 mg/l, 4 Hours                                   |
| Dimethyl Glutarate (CAS 1119-40-0)                           |            |                                                      |
| <b>Acute</b>                                                 |            |                                                      |
| <i>Dermal</i>                                                |            |                                                      |
| LD50                                                         | Rat        | > 2000 mg/kg, 24 Hours                               |
| <i>Inhalation</i>                                            |            |                                                      |
| LC50                                                         | Rat        | > 11 mg/l, 4 Hours                                   |
| Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8) |            |                                                      |
| <b>Acute</b>                                                 |            |                                                      |
| <i>Dermal</i>                                                |            |                                                      |
| LD50                                                         | Rabbit     | > 2000 mg/kg<br>> 2000 mg/kg, 24 Hours               |

| Components                | Species | Test Results                               |
|---------------------------|---------|--------------------------------------------|
| <i>Inhalation</i><br>LC50 | Rat     | > 7.5 mg/l, 6 Hours<br>> 4.6 mg/l, 4 Hours |
| <i>Oral</i><br>LD50       | Rat     | > 5000 mg/kg                               |

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

**Skin corrosion/irritation** Prolonged skin contact may cause temporary irritation.

**Serious eye damage/eye irritation** Causes serious eye irritation.

#### Respiratory or skin sensitization

**Respiratory sensitization** Not available.

**Skin sensitization** This product is not expected to cause skin sensitization.

**Germ cell mutagenicity** No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

**Carcinogenicity** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

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

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** May be fatal if swallowed and enters airways.

**Chronic effects** Prolonged inhalation may be harmful.

## 12. Ecological information

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

| Product                                                      | Species |                                                     | Test Results                     |
|--------------------------------------------------------------|---------|-----------------------------------------------------|----------------------------------|
| 15 OZ KIMBALL HEAVY DUTY ORANGE LB 12PK (CAS Mixture)        |         |                                                     |                                  |
| Aquatic                                                      |         |                                                     |                                  |
| Crustacea                                                    | EC50    | Daphnia                                             | 94.1204 mg/l, 48 hours estimated |
| Fish                                                         | LC50    | Fish                                                | 10.5228 mg/L, 96 Hours estimated |
| Components                                                   | Species |                                                     | Test Results                     |
| Acetone (CAS 67-64-1)                                        |         |                                                     |                                  |
| Aquatic                                                      |         |                                                     |                                  |
| Crustacea                                                    | EC50    | Water flea (Daphnia magna)                          | 21.6 - 23.9 mg/l, 48 hours       |
| Fish                                                         | LC50    | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 4740 - 6330 mg/l, 96 hours       |
| Diethylene Glycol Monobutyl Ether (CAS 112-34-5)             |         |                                                     |                                  |
| Aquatic                                                      |         |                                                     |                                  |
| Fish                                                         | LC50    | Bluegill (Lepomis macrochirus)                      | 1300 mg/l, 96 hours              |
| Dimethyl Glutarate (CAS 1119-40-0)                           |         |                                                     |                                  |
| Aquatic                                                      |         |                                                     |                                  |
| Crustacea                                                    | EC50    | Daphnia                                             | 142.8 mg/L, 48 Hours             |
| Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8) |         |                                                     |                                  |
| Aquatic                                                      |         |                                                     |                                  |
| Fish                                                         | LC50    | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 2.9 mg/l, 96 hours               |

| Components                           | Species | Test Results                                                |
|--------------------------------------|---------|-------------------------------------------------------------|
| Ethoxylated Alcohol (CAS 34398-01-1) |         |                                                             |
| <b>Aquatic</b>                       |         |                                                             |
| Crustacea                            | EC50    | Water flea (Daphnia magna) 1.6 - 2.5 mg/l, 48 hours         |
| Fish                                 | LC50    | Fathead minnow (Pimephales promelas) 3.2 - 5 mg/l, 96 hours |

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

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

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

|                                   |       |
|-----------------------------------|-------|
| Acetone                           | -0.24 |
| Diethylene Glycol Monobutyl Ether | 0.56  |
| Dimethyl adipate                  | 1.03  |

**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** Consult authorities before disposal. 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.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**US RCRA Hazardous Waste U List: Reference**

|                       |      |
|-----------------------|------|
| Acetone (CAS 67-64-1) | U002 |
|-----------------------|------|

**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** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

### 14. Transport information

**DOT**

|                                     |                                                                                                                                                 |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>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. 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                                                                                                                                            |

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

**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>Label(s)</b>                   | 2.1                 |



## 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 on 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.

#### SARA 304 Emergency release notification

Not regulated.

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

Not listed.

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

#### Hazard categories

Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - Yes  
Pressure Hazard - Yes  
Reactivity Hazard - No

#### SARA 302 Extremely hazardous substance

Not listed.

#### SARA 311/312 Hazardous chemical

No

#### 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)

Not regulated.

#### 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

#### 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

### US state regulations

#### US. Massachusetts RTK - Substance List

Acetone (CAS 67-64-1)

Carbon Dioxide (CAS 124-38-9)

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

Acetone (CAS 67-64-1)

Carbon Dioxide (CAS 124-38-9)

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

Acetone (CAS 67-64-1)

Carbon Dioxide (CAS 124-38-9)

#### US. Rhode Island RTK

Acetone (CAS 67-64-1)

#### US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

## International Inventories

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

\*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

**Issue date** 08-29-2014

**Version #** 01

**Disclaimer** Plaze 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. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.