



**1. IDENTIFICATION**

**Product identifier**

Product Name Dup Sky White (Aerosol)

**Other means of identification**

Product Code PFW-510-S9

SKU(s) None

**Recommended use of the chemical and restrictions on use**

Recommended Use No information available.

Uses advised against No information available

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

Orbit Paint and Powder  
4106 N. FM 2528  
Lubbock, TX 79416

**Emergency Telephone**

Domestic 1-800-373-7542 Inter: 1-484-951-2432

**2. HAZARDS IDENTIFICATION**

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|  |             |
|--|-------------|
| Serious eye damage/eye irritation                | Category 2  |
| Germ cell mutagenicity                           | Category 1B |
| Carcinogenicity                                  | Category 1A |
| Specific target organ toxicity (single exposure) | Category 3  |
| Flammable aerosols                               | Category 1  |

**Emergency Overview**

**Danger**

**Hazard statements**

Causes serious eye irritation  
May cause genetic defects  
May cause cancer  
May cause drowsiness or dizziness  
Extremely flammable aerosol

**Appearance** No information available**Physical state** Aerosol**Odor** No information available**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Wash face, hands and any exposed skin thoroughly after handling  
 Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

- May be harmful if swallowed
- Causes mild skin irritation

Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name               | CAS No.    | Weight-% | Trade Secret |
|-----------------------------|------------|----------|--------------|
| Acetone                     | 67-64-1    | 15 - 40  | *            |
| Propane                     | 74-98-6    | 10 - 30  | *            |
| Butane                      | 106-97-8   | 5 - 10   | *            |
| Methyl Amyl Ketone          | 110-43-0   | 5 - 10   | *            |
| Tert-Butyl Acetate          | 540-88-5   | 5 - 10   | *            |
| Methyl Isobutyl Ketone      | 108-10-1   | 1 - 5    | *            |
| Methyl Ethyl Ketone         | 78-93-3    | 1 - 5    | *            |
| Ethylene Glycol Butyl Ether | 111-76-2   | 1 - 5    | *            |
| Titanium dioxide            | 13463-67-7 | 0.1 - 1  | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first aid measures**

|   |  |
|---|--|
| <b>General advice</b>                     | Immediate medical attention is required. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.   |
| <b>Eye contact</b>                        | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Call a physician immediately. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. If symptoms persist, call a physician. |
| <b>Skin Contact</b>                       | Wash off immediately with plenty of water. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.   |
| <b>Inhalation</b>                         | Immediate medical attention is required. Remove to fresh air. If not breathing, give artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.  |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Clean mouth with water and drink afterwards plenty of water. Call a physician.   |
| <b>Self-protection of the first aider</b> | Remove all sources of ignition. Use personal protective equipment as required.   |

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Extremely flammable.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

In the event of fire and/or explosion do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Keep people away from and upwind of spill/leak.

**Environmental precautions**

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

|                                |  |
|--------------------------------|--|
| <b>Methods for containment</b> | Prevent further leakage or spillage if safe to do so. Cover powder spill with plastic sheet or tarp to minimize spreading. Dike far ahead of liquid spill for later disposal.                              |
| <b>Methods for cleaning up</b> | Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. |

**7. HANDLING AND STORAGE****Precautions for safe handling**

|                                |   |
|--------------------------------|---|
| <b>Advice on safe handling</b> | Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded. Use with local exhaust ventilation. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can. |
|--------------------------------|---|

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

|                               |  |
|-------------------------------|--|
| <b>Storage Conditions</b>     | Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. |
| <b>Incompatible materials</b> | Strong acids. Strong oxidizing agents. Chlorinated compounds.  |

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

| Chemical Name                      | ACGIH TLV                                | OSHA PEL   | NIOSH IDLH  |
|------------------------------------|--|--|---|
| Acetone<br>67-64-1                 | STEL: 500 ppm<br>TWA: 250 ppm            | TWA: 1000 ppm<br>TWA: 2400 mg/m <sup>3</sup><br>(vacated) TWA: 750 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 2400 mg/m <sup>3</sup> The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors<br>(vacated) STEL: 1000 ppm | IDLH: 2500 ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m <sup>3</sup>  |
| Propane<br>74-98-6                 | : See Appendix F: Minimal Oxygen Content | TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup>   | IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup>  |
| Butane<br>106-97-8                 | STEL: 1000 ppm                           | (vacated) TWA: 800 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup>  | TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup>   |
| Methyl Amyl Ketone<br>110-43-0     | TWA: 50 ppm                              | TWA: 100 ppm<br>TWA: 465 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 465 mg/m <sup>3</sup>   | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 465 mg/m <sup>3</sup>   |
| Tert-Butyl Acetate<br>540-88-5     | STEL: 150 ppm<br>TWA: 50 ppm             | TWA: 200 ppm<br>TWA: 950 mg/m <sup>3</sup><br>(vacated) TWA: 200 ppm<br>(vacated) TWA: 950 mg/m <sup>3</sup>   | IDLH: 1500 ppm<br>TWA: 200 ppm<br>TWA: 950 mg/m <sup>3</sup>  |
| Methyl Isobutyl Ketone<br>108-10-1 | STEL: 75 ppm<br>TWA: 20 ppm              | TWA: 100 ppm<br>TWA: 410 mg/m <sup>3</sup><br>(vacated) TWA: 50 ppm<br>(vacated) TWA: 205 mg/m <sup>3</sup><br>(vacated) STEL: 75 ppm<br>(vacated) STEL: 300 mg/m <sup>3</sup>   | IDLH: 500 ppm<br>TWA: 50 ppm<br>TWA: 205 mg/m <sup>3</sup><br>STEL: 75 ppm<br>STEL: 300 mg/m <sup>3</sup> |

|   |                               |  |  |
|---|-------------------------------|--|--|
| Methyl Ethyl Ketone<br>78-93-3          | STEL: 300 ppm<br>TWA: 200 ppm | TWA: 200 ppm<br>TWA: 590 mg/m <sup>3</sup><br>(vacated) TWA: 200 ppm<br>(vacated) TWA: 590 mg/m <sup>3</sup><br>(vacated) STEL: 300 ppm<br>(vacated) STEL: 885 mg/m <sup>3</sup> | IDLH: 3000 ppm<br>TWA: 200 ppm<br>TWA: 590 mg/m <sup>3</sup><br>STEL: 300 ppm<br>STEL: 885 mg/m <sup>3</sup> |
| Ethylene Glycol Butyl Ether<br>111-76-2 | TWA: 20 ppm                   | TWA: 50 ppm<br>TWA: 240 mg/m <sup>3</sup><br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m <sup>3</sup><br>(vacated) S*<br>S*   | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m <sup>3</sup>   |
| Titanium dioxide<br>13463-67-7          | TWA: 10 mg/m <sup>3</sup>     | TWA: 15 mg/m <sup>3</sup> total dust<br>(vacated) TWA: 10 mg/m <sup>3</sup> total dust   | IDLH: 5000 mg/m <sup>3</sup>   |

NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

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

- Eye/face protection** Tight sealing safety goggles. Face protection shield.
- Skin and body protection** No special technical protective measures are necessary.
- Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                          |                       |                          |
|-----------------------|--------------------------|-----------------------|--------------------------|
| <b>Physical state</b> | Aerosol                  | <b>Odor</b>           | No information available |
| <b>Appearance</b>     | No information available | <b>Odor threshold</b> | No information available |
| <b>Color</b>          | No information available |                       |                          |

| <b><u>Property</u></b> | <b><u>Values</u></b> | <b><u>Remarks • Method</u></b> |
|------------------------|----------------------|--------------------------------|
|------------------------|----------------------|--------------------------------|

|                                      |                          |
|--------------------------------------|--------------------------|
| <b>pH</b>                            | No information available |
| <b>Melting point/freezing point</b>  | No information available |
| <b>Boiling point / boiling range</b> | >= -42 °C / -44 °F       |
| <b>Flash point</b>                   | -104 °C / -155 °F        |
| <b>Evaporation rate</b>              | No information available |
| <b>Flammability (solid, gas)</b>     | No information available |
| <b>Flammability Limit in Air</b>     |                          |
| <b>Upper flammability limit:</b>     | No information available |
| <b>Lower flammability limit:</b>     | No information available |
| <b>Vapor pressure</b>                | No information available |
| <b>Vapor density</b>                 | No information available |
| <b>Specific Gravity</b>              | 0.76                     |
| <b>Water solubility</b>              | No information available |
| <b>Solubility in other solvents</b>  | No information available |

|                                  |                          |
|----------------------------------|--------------------------|
| <b>Partition coefficient</b>     | No information available |
| <b>Autoignition temperature</b>  | No information available |
| <b>Decomposition temperature</b> | No information available |
| <b>Kinematic viscosity</b>       | No information available |
| <b>Dynamic viscosity</b>         | No information available |
| <b>Explosive properties</b>      | No information available |
| <b>Oxidizing properties</b>      | No information available |

**Other Information**

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Softening point</b>            | No information available |
| <b>Molecular weight</b>           | No information available |
| <b>VOC Content (%)</b>            | No information available |
| <b>Density</b>                    | 6.37 lbs/gal             |
| <b>Bulk density</b>               | No information available |
| <b>Percent solids by weight</b>   | 17.0%                    |
| <b>Percent volatile by weight</b> | 41.0%                    |
| <b>Percent solids by volume</b>   | 9.1%                     |
| <b>Actual VOC (lbs/gal)</b>       | 2.6                      |
| <b>Actual VOC (grams/liter)</b>   | 313.2                    |
| <b>EPA VOC (lbs/gal)</b>          | 4.4                      |
| <b>EPA VOC (grams/liter)</b>      | 531                      |
| <b>EPA VOC (lb/gal solids)</b>    | 28.7                     |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

Strong acids. Strong oxidizing agents. Chlorinated compounds.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

|                            |                    |
|----------------------------|--------------------|
| <b>Product Information</b> | No data available  |
| <b>Inhalation</b>          | No data available. |
| <b>Eye contact</b>         | No data available. |
| <b>Skin Contact</b>        | No data available. |
| <b>Ingestion</b>           | No data available. |

| <b>Chemical Name</b>                    | <b>Oral LD50</b>                          | <b>Dermal LD50</b>                               | <b>Inhalation LC50</b>   |
|---|---|--|--|
| Acetone<br>67-64-1                      | = 5800 mg/kg ( Rat )                      | > 15700 mg/kg ( Rabbit )                         | = 50100 mg/m <sup>3</sup> ( Rat ) 8 h                                      |
| Propane<br>74-98-6                      | -   | -  | = 658 mg/L ( Rat ) 4 h   |
| Butane<br>106-97-8                      | -   | -  | = 658 g/m <sup>3</sup> ( Rat ) 4 h   |
| Methyl Amyl Ketone<br>110-43-0          | = 1600 mg/kg ( Rat ) = 1670 mg/kg ( Rat ) | = 12.6 mL/kg ( Rabbit ) = 12600 µL/kg ( Rabbit ) | > 2000 ppm ( Rat ) 4 h   |
| Tert-Butyl Acetate<br>540-88-5          | = 4100 mg/kg ( Rat )                      | > 2000 mg/kg ( Rabbit ) > 2 g/kg ( Rabbit )      | = 13300 mg/m <sup>3</sup> ( Rat ) 4 h > 2230 mg/m <sup>3</sup> ( Rat ) 4 h |
| Methyl Isobutyl Ketone<br>108-10-1      | = 2080 mg/kg ( Rat )                      | = 3000 mg/kg ( Rabbit )                          | = 8.2 mg/L ( Rat ) 4 h   |
| Methyl Ethyl Ketone<br>78-93-3          | = 2737 mg/kg ( Rat ) = 2483 mg/kg ( Rat ) | = 5000 mg/kg ( Rabbit ) = 6480 mg/kg ( Rabbit )  | = 11700 ppm ( Rat ) 4 h  |
| Ethylene Glycol Butyl Ether<br>111-76-2 | = 470 mg/kg ( Rat )                       | = 99 mg/kg ( Rabbit )                            | = 450 ppm ( Rat ) 4 h  |
| Titanium dioxide<br>13463-67-7          | > 10000 mg/kg ( Rat )                     | -  | -  |

**Information on toxicological effects**

Symptoms No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

| Chemical Name                           | ACGIH | IARC     | NTP | OSHA |
|---|-------|----------|-----|------|
| Methyl Isobutyl Ketone<br>108-10-1      | A3    | Group 2B | -   | X    |
| Ethylene Glycol Butyl Ether<br>111-76-2 | A3    | Group 3  | -   | -    |
| Titanium dioxide<br>13463-67-7          | -     | Group 2B | -   | X    |

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not classifiable as a human carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic toxicity Avoid repeated exposure. May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.

Target Organ Effects blood, Central nervous system, Eyes, Hematopoietic System, kidney, liver, Peripheral Nervous System (PNS), Respiratory system, Skin.

Aspiration hazard No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document mg/kg mg/l

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

41.68% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name      | Algae/aquatic plants | Fish  | Crustacea  |
|--------------------|----------------------|---|--|
| Acetone<br>67-64-1 | -                    | 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 8300: 96 h Lepomis macrochirus mg/L LC50 | 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50 |



|   |   |  |   |
|---|---|--|---|
| Methyl Amyl Ketone<br>110-43-0          | -   | 126 - 137: 96 h Pimephales promelas mg/L LC50 flow-through                               | -   |
| Tert-Butyl Acetate<br>540-88-5          | -   | 296 - 362: 96 h Pimephales promelas mg/L LC50 flow-through                               | -   |
| Methyl Isobutyl Ketone<br>108-10-1      | 400: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 496 - 514: 96 h Pimephales promelas mg/L LC50 flow-through                               | 170: 48 h Daphnia magna mg/L EC50   |
| Methyl Ethyl Ketone<br>78-93-3          | -   | 3130 - 3320: 96 h Pimephales promelas mg/L LC50 flow-through                             | 4025 - 6440: 48 h Daphnia magna mg/L EC50 Static 5091: 48 h Daphnia magna mg/L EC50 520: 48 h Daphnia magna mg/L EC50 |
| Ethylene Glycol Butyl Ether<br>111-76-2 | -   | 1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50 | 1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50  |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical Name                           | Partition coefficient |
|---|-----------------------|
| Acetone<br>67-64-1                      | -0.24                 |
| Propane<br>74-98-6                      | 2.3                   |
| Butane<br>106-97-8                      | 2.89                  |
| Methyl Amyl Ketone<br>110-43-0          | 1.98                  |
| Tert-Butyl Acetate<br>540-88-5          | 1.38                  |
| Methyl Isobutyl Ketone<br>108-10-1      | 1.19                  |
| Methyl Ethyl Ketone<br>78-93-3          | 0.3                   |
| Ethylene Glycol Butyl Ether<br>111-76-2 | 0.81                  |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**US EPA Waste Number**

U002 U154 U159 U161 U220 U239

| Chemical Name                      | RCRA | RCRA - Basis for Listing                 | RCRA - D Series Wastes      | RCRA - U Series Wastes |
|------------------------------------|------|--|-----------------------------|------------------------|
| Acetone<br>67-64-1                 | -    | Included in waste stream:<br>F039        | -                           | U002                   |
| Methyl Isobutyl Ketone<br>108-10-1 | -    | Included in waste stream:<br>F039        | -                           | U161                   |
| Methyl Ethyl Ketone<br>78-93-3     | U159 | Included in waste streams:<br>F005, F039 | 200.0 mg/L regulatory level | U159                   |

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name      | California Hazardous Waste Status |
|--------------------|-----------------------------------|
| Acetone<br>67-64-1 | Ignitable                         |

|                                |                    |
|--------------------------------|--------------------|
| Methyl Ethyl Ketone<br>78-93-3 | Toxic<br>Ignitable |
|--------------------------------|--------------------|

## 14. TRANSPORT INFORMATION

**DOT**

|                                 |                       |
|---------------------------------|-----------------------|
| UN/ID no.                       | UN1950                |
| Proper shipping name            | Aerosols              |
| Hazard Class                    | 2.1                   |
| Description                     | UN1950, Aerosols, 2.1 |
| Emergency Response Guide Number | 126                   |

**TDG**

|                      |                       |
|----------------------|-----------------------|
| UN/ID no.            | UN1950                |
| Proper shipping name | Aerosols              |
| Hazard Class         | 2.1                   |
| Description          | UN1950, Aerosols, 2.1 |

**MEX**

|                      |                     |
|----------------------|---------------------|
| UN/ID no.            | UN1950              |
| Proper shipping name | Aerosols            |
| Hazard Class         | 2                   |
| Description          | UN1950, Aerosols, 2 |

**ICAO (air)**

|                      |                       |
|----------------------|-----------------------|
| UN/ID no.            | UN1950                |
| Proper shipping name | Aerosols              |
| Hazard Class         | 2.1                   |
| Special Provisions   | A145, A167            |
| Description          | UN1950, Aerosols, 2.1 |

**IATA**

|                      |                                  |
|----------------------|----------------------------------|
| UN/ID no.            | UN1950                           |
| Proper shipping name | Aerosols, flammable              |
| Hazard Class         | 2.1                              |
| ERG Code             | 10L                              |
| Special Provisions   | A145, A167, A802                 |
| Description          | UN1950, Aerosols, flammable, 2.1 |

**IMDG**

|                      |                            |
|----------------------|----------------------------|
| UN/ID no.            | UN1950                     |
| Proper shipping name | Aerosols                   |
| Hazard Class         | 2                          |
| EmS-No.              | F-D, S-U                   |
| Special Provisions   | 63,190, 277, 327, 344, 959 |
| Description          | UN1950, Aerosols, 2        |

**RID**

|                      |                       |
|----------------------|-----------------------|
| UN/ID no.            | UN1950                |
| Proper shipping name | Aerosols              |
| Hazard Class         | 2.1                   |
| Classification code  | 5F                    |
| Description          | UN1950, Aerosols, 2.1 |

**ADR**

|                         |          |
|-------------------------|----------|
| UN/ID no.               | UN1950   |
| Proper shipping name    | Aerosols |
| Hazard Class            | 2.1      |
| Classification code     | 5F       |
| Tunnel restriction code | (D)      |

**Special Provisions** 190, 327, 344, 625  
**Description** UN1950, Aerosols, 2.1, (D)  
**Labels** 2.1

**ADN**

**Proper shipping name** Aerosols  
**Hazard Class** 2.1  
**Classification code** 5F  
**Special Provisions** 190, 327, 344, 625  
**Description** UN1950, Aerosols, 2.1  
**Hazard label(s)** 2.1  
**Limited quantity (LQ)** 1 L  
**Ventilation** VE01, VE04

|                                   |
|-----------------------------------|
| <b>15. REGULATORY INFORMATION</b> |
|-----------------------------------|

**International Inventories**

|                      |                   |
|----------------------|-------------------|
| <b>TSCA</b>          | Complies          |
| <b>DSL/NDSL</b>      | Complies *        |
| <b>EINECS/ELINCS</b> | Complies *        |
| <b>ENCS</b>          | Does not comply * |
| <b>IECSC</b>         | Complies *        |
| <b>KECL</b>          | Complies *        |
| <b>PICCS</b>         | Does not comply * |
| <b>AICS</b>          | Does not comply * |

\* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name               | SARA 313 - Threshold Values % |
|-----------------------------|-------------------------------|
| Methyl Isobutyl Ketone      | 1.0                           |
| Ethylene Glycol Butyl Ether | 1.0                           |

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute health hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire hazard</b>                       | Yes |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>Reactive Hazard</b>                   | No  |

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name                  | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--------------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Tert-Butyl Acetate<br>540-88-5 | -                           | -                      | -                         | X                          |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name                      | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)                   |
|------------------------------------|--------------------------|----------------|--|
| Acetone<br>67-64-1                 | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Tert-Butyl Acetate<br>540-88-5     | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Methyl Isobutyl Ketone<br>108-10-1 | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |
| Methyl Ethyl Ketone<br>78-93-3     | 5000 lb                  | -              | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ |

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical Name                     | California Proposition 65   |
|-----------------------------------|-----------------------------|
| Methyl Isobutyl Ketone - 108-10-1 | Carcinogen<br>Developmental |
| Titanium dioxide - 13463-67-7     | Carcinogen                  |
| Ethyl Benzene - 100-41-4          | Carcinogen                  |
| Methanol - 67-56-1                | Developmental               |
| Crystalline Silica - 14808-60-7   | Carcinogen                  |
| Toluene - 108-88-3                | Developmental               |

**U.S. State Right-to-Know Regulations**

| Chemical Name                             | New Jersey | Massachusetts |
|---|------------|---------------|
| Acetone<br>67-64-1                        | X          | X             |
| Propane<br>74-98-6                        | X          | X             |
| Butane<br>106-97-8                        | X          | X             |
| Methyl Amyl Ketone<br>110-43-0            | X          | X             |
| Tert-Butyl Acetate<br>540-88-5            | X          | X             |
| Methyl Isobutyl Ketone<br>108-10-1        | X          | X             |
| Methyl Ethyl Ketone<br>78-93-3            | X          | X             |
| Ethylene Glycol Butyl Ether<br>111-76-2   | X          | X             |
| Propylene Glycol Methyl Ether<br>107-98-2 | X          | X             |
| Xylene<br>1330-20-7                       | X          | X             |
| Butyl Acetate<br>123-86-4                 | X          | X             |

| Chemical Name                      | Pennsylvania |
|------------------------------------|--------------|
| Acetone<br>67-64-1                 | X            |
| Propane<br>74-98-6                 | X            |
| Butane<br>106-97-8                 | X            |
| Methyl Amyl Ketone<br>110-43-0     | X            |
| Tert-Butyl Acetate<br>540-88-5     | X            |
| Methyl Isobutyl Ketone<br>108-10-1 | X            |

|   |   |
|---|---|
| Methyl Ethyl Ketone<br>78-93-3          | X |
| Ethylene Glycol Butyl Ether<br>111-76-2 | X |

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

**Hazardous air pollutants (HAPS) content**

LIST OF HAZARDOUS AIR POLLUTANTS SUBJECT TO THE PROVISIONS OF THE CLEAN AIR ACT, TITLE I SECTION 112 'National Emission Standards for Hazardous Air Pollutants' (present individually at 1% by weight, or greater):

| Chemical Name                      | Weight % of HAPS in Product | Pounds HAPS / Gal Product |
|------------------------------------|-----------------------------|---------------------------|
| Methyl Isobutyl Ketone<br>108-10-1 | 2.23%                       | 0.14                      |

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|             |                    |                |                    |                                    |
|-------------|--------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards 2   | Flammability 4 | Instability 0      | Physical and Chemical Properties * |
| <b>HMIS</b> | Health hazards 2 * | Flammability 4 | Physical hazards 0 | Personal protection X              |

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

Revision Date 14-Dec-2016

**Revision Note**

No information available

**Disclaimer**

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. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

**End of Safety Data Sheet**