# SAFETY DATA SHEET

## 1. Identification

**Product identifier** **DIRECT-TO-METAL WATERBORNE SEMI-GLOSS WHITE BASE**

**Other means of identification**

**Product code** 97896W

**Recommended use** Industrial applications.

**Recommended restrictions** Professional use only

**Manufacturer/Importer/Supplier/Distributor information**

**Manufacturer**

**Company name** Ellis Paint Company

**Address** 3150 E. Pico Blvd.
Los Angeles, CA 90023-3683
United States

**Telephone** Customer Service (800) 672-4900

**Website** www.ellispaint.com

**E-mail** info@ellispaint.com

**Emergency phone number** CHEMTREC (800) 424-9300

## 2. Hazard(s) identification

| | | |
|---|---|---|
| **Physical hazards** | Flammable liquids | Category 4 |
| **Health hazards** | Acute toxicity, inhalation | Category 4 |
| | Serious eye damage/eye irritation | Category 2 |
| | Sensitization, skin | Category 1 |
| | Carcinogenicity | Category 2 |
| | Reproductive toxicity | Category 1 |

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**

**Signal word** Danger

**Hazard statement** Combustible liquid. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. Suspected of causing cancer. May damage fertility or the unborn child.

**Precautionary statement**

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from flames and hot surfaces-No smoking. Avoid breathing mist or vapor. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish.

**Storage** Store in a well-ventilated place. Keep cool. Store locked up.

**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.

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

**Supplemental information** 29.3% of the mixture consists of component(s) of unknown acute inhalation toxicity.

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| TITANIUM DIOXIDE | | 13463-67-7 | 10 - < 20 |
| 2-BUTOXY ETHANOL | | 111-76-2 | 5 - < 10 |
| BARIUM PHOSPHATE | | 10048-98-3 | 1 - < 3 |
| BUTYL BENZYL PHTHALATE | | 85-68-7 | 1 - < 3 |
| DIETHYLENE GLYCOL MONOBUTYL ETHER | | 112-34-5 | 1 - < 3 |
| MAGNESIUM SILICATE | | 14807-96-6 | 1 - < 3 |
| BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL)SEBACATE | | 41556-26-7 | < 1 |
| AMMONIA | | 7664-41-7 | < 0.2 |

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

## 4. First-aid measures

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin contact** 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.

**Eye contact** 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.

**Ingestion** Rinse mouth. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.

**Indication of immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

**General information** IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical** The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions** In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards** Combustible liquid.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. 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**

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. 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. Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Do not get in eyes, on skin, or on clothing. Avoid inhalation of vapors and spray mists. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

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

Store locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. 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 |
|---|---|---|---|
| 2-BUTOXY ETHANOL (CAS 111-76-2) | PEL | 240 mg/m3 | |
| | | 50 ppm | |
| AMMONIA (CAS 7664-41-7) | PEL | 35 mg/m3 | |
| | | 50 ppm | |
| BARIUM PHOSPHATE (CAS 10048-98-3) | PEL | 0.5 mg/m3 | |
| 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 |
|---|---|---|---|
| MAGNESIUM SILICATE (CAS 14807-96-6) | TWA | 0.3 mg/m3 | Total dust. |
| | | 0.1 mg/m3 | Respirable. |
| | | 20 mppcf | |
| | | 2.4 mppcf | Respirable. |

**US. ACGIH Threshold Limit Values**

| Components | Type | Value | Form |
|---|---|---|---|
| 2-BUTOXY ETHANOL (CAS 111-76-2) | TWA | 20 ppm | |
| AMMONIA (CAS 7664-41-7) | STEL | 35 ppm | |
| | TWA | 25 ppm | |
| BARIUM PHOSPHATE (CAS 10048-98-3) | TWA | 0.5 mg/m3 | |
| DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5) | TWA | 10 ppm | Inhalable fraction and vapor. |
| MAGNESIUM SILICATE (CAS 14807-96-6) | TWA | 2 mg/m3 | Respirable fraction. |

**US. ACGIH Threshold Limit Values**

| Components | Type | Value | Form |
|---|---|---|---|
| TITANIUM DIOXIDE (CAS 13463-67-7) | TWA | 10 mg/m3 | |

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

| Components | Type | Value | Form |
|---|---|---|---|
| 2-BUTOXY ETHANOL (CAS 111-76-2) | TWA | 24 mg/m3 | |
| | | 5 ppm | |
| AMMONIA (CAS 7664-41-7) | STEL | 27 mg/m3 | |
| | | 35 ppm | |
| | TWA | 18 mg/m3 | |
| | | 25 ppm | |
| BARIUM PHOSPHATE (CAS 10048-98-3) | TWA | 0.5 mg/m3 | |
| MAGNESIUM SILICATE (CAS 14807-96-6) | TWA | 2 mg/m3 | Respirable. |

**Biological limit values**

**ACGIH Biological Exposure Indices**

| Components | Value | Determinant | Specimen | Sampling Time |
|---|---|---|---|---|
| 2-BUTOXY ETHANOL (CAS 111-76-2) | 200 mg/g | Butoxyacetic acid (BAA), with hydrolysis | Creatinine in urine | * |

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

**Exposure guidelines**

**US - California OELs: Skin designation**

2-BUTOXY ETHANOL (CAS 111-76-2) Can be absorbed through the skin.

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

2-BUTOXY ETHANOL (CAS 111-76-2) Skin designation applies.

**US - Tennessee OELs: Skin designation**

2-BUTOXY ETHANOL (CAS 111-76-2) Can be absorbed through the skin.

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

2-BUTOXY ETHANOL (CAS 111-76-2) Can be absorbed through the skin.

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

2-BUTOXY ETHANOL (CAS 111-76-2) Can be absorbed through the skin.

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

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

**Eye/face protection** Chemical respirator with organic vapor cartridge and full facepiece.

**Skin protection**

**Hand protection** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

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

**Respiratory protection** Chemical respirator with organic vapor cartridge and full facepiece.

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

**General hygiene considerations** 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** | Liquid. |
| **Color** | White. |
| **Odor** | Mild. |
| **Odor threshold** | Not available. |
| **pH** | Not available. |
| **Melting point/freezing point** | 2804 °F (1540 °C) estimated |
| **Initial boiling point and boiling range** | 212 °F (100 °C) estimated |
| **Flash point** | 143.1 °F (61.7 °C) estimated |
| **Evaporation rate** | Not available. |
| **Flammability (solid, gas)** | Not applicable. |
| **Upper/lower flammability or explosive limits** | |
| **Flammability limit - lower (%)** | Not available. |
| **Flammability limit - upper (%)** | Not available. |
| **Explosive limit - lower (%)** | Not available. |
| **Explosive limit - upper (%)** | Not available. |
| **Vapor pressure** | 19.24 hPa 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** | Not available. |
| **Decomposition temperature** | Not available. |
| **Viscosity** | Not available. |
| **Other information** | |
| **Density** | 9.87 lbs/gal |
| **Explosive properties** | Not explosive. |
| **Flammability class** | Combustible IIIA estimated |
| **Oxidizing properties** | Not oxidizing. |
| **Percent volatile** | 50 % estimated |
| **Specific gravity** | 1.18 |
| **VOC** | 1.93 lbs/gal (231.02 g/l) Coating VOC<br>1.02 lbs/gal (121.73 g/l) Material VOC |

## 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** | Avoid heat, sparks, open flames and other ignition sources. 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**

| | |
|---|---|
| **Inhalation** | Harmful if inhaled. |

**Skin contact** May cause an allergic skin reaction.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

**Eye contact** Causes serious eye irritation.

**Ingestion** Expected to be a low ingestion hazard.

**Symptoms related to the physical, chemical and toxicological characteristics** Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.

**Information on toxicological effects**

**Acute toxicity** Harmful if inhaled. May cause an allergic skin reaction.

| Components | Species | Test Results |
|---|---|---|
| 2-BUTOXY ETHANOL (CAS 111-76-2) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | 400 mg/kg |
| **Inhalation** | | |
| LC50 | Mouse | 700 ppm, 7 Hours |
| | Rat | 450 ppm, 4 Hours |
| **Oral** | | |
| LD50 | Guinea pig | 1.2 g/kg |
| | Mouse | 1.2 g/kg |
| | Rabbit | 0.32 g/kg |
| | Rat | 560 mg/kg |
| AMMONIA (CAS 7664-41-7) | | |
| **Acute** | | |
| **Inhalation** | | |
| LC50 | Cat | 0.746 mg/l, 1 Hours |
| | Mouse | 7.105 mg/l, 10 Minutes |
| | | 3.36 mg/l, 1 Hours |
| | | 3.31 mg/l, 2 Hours |
| | Rabbit | 7.05 mg/l, 1 Hours |
| | Rat | 4000 ppm, 1 Hours |
| | | 7.6 mg/l, 2 Hours |
| | | 5.1 mg/l, 1 Hours |
| **Oral** | | |
| LD50 | Rat | 350 mg/kg |
| BUTYL BENZYL PHTHALATE (CAS 85-68-7) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Mouse | 6700 mg/kg |
| | Rat | 6700 mg/kg |
| **Oral** | | |
| LD50 | Rat | 13500 mg/kg |
| DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5) | | |
| **Acute** | | |
| **Dermal** | | |
| LD50 | Rabbit | 2700 mg/kg |
| **Oral** | | |
| LD50 | Guinea pig | 2000 mg/kg |

| Components | Species | Test Results |
|---|---|---|
| | Mouse | 2400 mg/kg |
| | Rabbit | 2200 mg/kg |
| | Rat | 4500 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 a respiratory sensitizer.

**Skin sensitization** May cause an allergic skin reaction.

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

**Carcinogenicity** Suspected of causing cancer.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

| | |
|---|---|
| 2-BUTOXY ETHANOL (CAS 111-76-2) | 3 Not classifiable as to carcinogenicity to humans. |
| BUTYL BENZYL PHTHALATE (CAS 85-68-7) | 3 Not classifiable as to carcinogenicity to humans. |
| TITANIUM DIOXIDE (CAS 13463-67-7) | 2B Possibly carcinogenic to humans. |

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

Not listed.

**Reproductive toxicity** May damage fertility or the unborn child.

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

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

**Aspiration hazard** Not an aspiration hazard.

**Chronic effects** May be harmful if absorbed through skin. Prolonged inhalation may be harmful.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Prolonged exposure may cause chronic effects.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components | | Species | Test Results |
|---|---|---|---|
| 2-BUTOXY ETHANOL (CAS 111-76-2) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Inland silverside (Menidia beryllina) | 1250 mg/l, 96 hours |
| AMMONIA (CAS 7664-41-7) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Chinook salmon (Oncorhynchus tshawytscha) | 0.43 - 0.47 mg/l, 96 hours |
| BUTYL BENZYL PHTHALATE (CAS 85-68-7) | | | |
| **Aquatic** | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | > 0.96 mg/l, 48 hours |
| Fish | LC50 | Shiner perch (Cymatogaster aggregata) | 0.47 - 0.56 mg/l, 96 hours |
| DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5) | | | |
| **Aquatic** | | | |
| Fish | LC50 | Bluegill (Lepomis macrochirus) | 1300 mg/l, 96 hours |

| Components | | Species | Test Results |
|---|---|---|---|
| TITANIUM DIOXIDE (CAS 13463-67-7) | | | |
| **Aquatic** | | | |
| Crustacea | EC50 | Water flea (Daphnia magna) | > 1000 mg/l, 48 hours |
| Fish | LC50 | Mummichog (Fundulus heteroclitus) | > 1000 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**

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

| | |
|---|---|
| 2-BUTOXY ETHANOL | 0.83 |
| BUTYL BENZYL PHTHALATE | 3.57 - 4.91 |
| DIETHYLENE GLYCOL MONOBUTYL ETHER | 0.56 |

**Mobility in soil** No data available.

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

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. 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.

**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.

## 14. Transport information

**DOT**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

## 15. Regulatory information

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

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

Not regulated.

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

| | |
|---|---|
| BUTYL BENZYL PHTHALATE (CAS 85-68-7) | Phthalates Action Plan |

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

| | |
|---|---|
| 2-BUTOXY ETHANOL (CAS 111-76-2) | Listed. |
| AMMONIA (CAS 7664-41-7) | Listed. |
| BARIUM PHOSPHATE (CAS 10048-98-3) | Listed. |
| BUTYL BENZYL PHTHALATE (CAS 85-68-7) | Listed. |
| DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5) | Listed. |

**SARA 304 Emergency release notification**

| | |
|---|---|
| AMMONIA (CAS 7664-41-7) | 100 LBS |

**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 - Yes
Fire Hazard - Yes
Pressure Hazard - No
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

| Chemical name | CAS number | Reportable quantity | Threshold planning quantity | Threshold planning quantity, lower value | Threshold planning quantity, upper value |
|---|---|---|---|---|---|
| AMMONIA | 7664-41-7 | 100 | 500 lbs | | |

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

| Chemical name | CAS number | % by wt. |
|---|---|---|
| 2-BUTOXY ETHANOL | 111-76-2 | 5 - < 10 |
| BARIUM PHOSPHATE | 10048-98-3 | 1 - < 3 |
| DIETHYLENE GLYCOL MONOBUTYL ETHER | 112-34-5 | 1 - < 3 |

**Other federal regulations**

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

DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5)

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

AMMONIA (CAS 7664-41-7)

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

**US state regulations**

**US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)**

Not listed.

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

2-BUTOXY ETHANOL (CAS 111-76-2)
AMMONIA (CAS 7664-41-7)
BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDINYL)SEBACATE (CAS 41556-26-7)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5)
MAGNESIUM SILICATE (CAS 14807-96-6)
TITANIUM DIOXIDE (CAS 13463-67-7)

**US. Massachusetts RTK - Substance List**

2-BUTOXY ETHANOL (CAS 111-76-2)
AMMONIA (CAS 7664-41-7)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
MAGNESIUM SILICATE (CAS 14807-96-6)
TITANIUM DIOXIDE (CAS 13463-67-7)

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

2-BUTOXY ETHANOL (CAS 111-76-2)
AMMONIA (CAS 7664-41-7)
BARIUM PHOSPHATE (CAS 10048-98-3)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5)
MAGNESIUM SILICATE (CAS 14807-96-6)
TITANIUM DIOXIDE (CAS 13463-67-7)

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

2-BUTOXY ETHANOL (CAS 111-76-2)
AMMONIA (CAS 7664-41-7)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5)
MAGNESIUM SILICATE (CAS 14807-96-6)
TITANIUM DIOXIDE (CAS 13463-67-7)

**US. Rhode Island RTK**

2-BUTOXY ETHANOL (CAS 111-76-2)
AMMONIA (CAS 7664-41-7)
BARIUM PHOSPHATE (CAS 10048-98-3)
BUTYL BENZYL PHTHALATE (CAS 85-68-7)
DIETHYLENE GLYCOL MONOBUTYL ETHER (CAS 112-34-5)

**US. California Proposition 65**

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

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

| | |
|---|---|
| CRYSTALLINE SILICA QUARTZ (CAS 14808-60-7) | Listed: October 1, 1988 |
| TITANIUM DIOXIDE (CAS 13463-67-7) | Listed: September 2, 2011 |

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

| | |
|---|---|
| BUTYL BENZYL PHTHALATE (CAS 85-68-7) | Listed: December 2, 2005 |

**International Inventories**

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| 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** 10-03-2016

**Version #** 01

**HMIS® ratings**
Health: 2*
Flammability: 2
Physical hazard: 0

**NFPA ratings**
Health: 2
Flammability: 2
Instability: 0

**NFPA ratings**


**Disclaimer**

The information contained herein is based on data supplied to us from sources believed to be reliable at the date of issue. Nothing herein shall be deemed to create any warranty of any kind, express or implied, concerning the accuracy or completeness of the information provided or the results to be obtained from the use thereof. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage, transportation, handling and disposal of the product in compliance with applicable federal, state and local laws and regulations. This information relates to the material designated and may not be valid for such material used in combination with any other materials nor in any process.