

ISSUED: 8/22/2018 **REFERENCE:** BK266-C206

C206-BK266 BLACK

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: C206-BK266 BLACK **PRODUCT USE: Industrial Powder Coating**

MANUFACTURER 24 HR. EMERGENCY TELEPHONE NUMBER

Cardinal Paint and Powder CHEMTREC (US Transportation): (800)424-9300 1329 Potrero Ave **CHEMTREC (International Transportation)**: (202)483-7616

S. El Monte, CA, 91733 WEB: WWW.CARDINALPAINT.COM 626 444-9274

2. HAZARDS IDENTIFICATION

PICTOGRAMS:



SIGNAL WORD: WARNING

HAZARD STATEMENTS:

H351 Suspected of causing cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

H317 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | Weight % | CAS Number |
|---------------|---------------|------------|
| Carbon Black | 0.50% - 0.99% | 1333-86-4 |

4. FIRST AID MEASURES

Description of first aid measures.

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

SKIN CONTACT: Remove affected clothing and wash all exposed area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Wash with plenty of soap and water. Get medical advice/attention. Wash contaminated clothing before reuse. Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.

INGESTION: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a Poison Center or doctor/physician of you feel unwell.



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INHALATION: Allow victim to breathe fresh air. Allow victim to rest. Remove to fresh air and keep at rest in a position comfortable to breath. Call a Poison Center or doctor/physician if you feel unwell.

Most important symptoms and effect, both acute and delayed: Symptoms/Injuries: May cause genetic defects. Causes damage to organs. - After Inhalation: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause an allergic skin reaction. May cause cancer by inhalation. - After Eye Contact: Causes serious eye damage. - After Ingestion: Swallowing a small quantity of this material may result in serious health hazard. Indication of any immediate medical attention and special treatment needed: No additional information available.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Foam, alcohol foam, dry chemical, carbon dioxide, water fog or sand.

UNSUITABLE EXTINGUISHING MEDIA: Do not use heavy water stream.

FIRE FIGHTING PROCEDURE: Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering the environment.

Protection during firefighting: Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure modes.

UNUSUAL FIRE AND EXPLOSION HAZARD: This product is stable at normal handling and storage conditions.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: General measures: Remove ignition sources. Use special care to avoid static electric charges. No smoking.

FOR NON-EMERGENCY PERSONNEL: For non-Emergency procedures: Evacuate unnecessary personnel.

FOR EMERGENCY RESPONDERS : Protective equipment : Equip cleanup crew with proper protection. - Emergency procedures : Ventilate area.

ENVIRONMENTAL PRECAUTIONS: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public water. Avoid release to the environment.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP: On land, sweep or shovel into suitable containers,. Minimize generation of dust.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when you are leaving work. Provide good ventilation in process area. Use only in well ventilated areas. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so. Avoid breathing dust, fumes and/or vapors.

Hygiene measures: Wash Skin thoroughly after handling.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: Avoid heat sources and direct sunlight. Store in a dry place. Protect from moisture. Keep container closed when not in use. Keep only in the original container in a cool well ventilated place away from heat, ignition sources and direct sunlight.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Source of ignition. Direct sunlight.



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8. EXPOSURE CONTROLS\PERSONAL PROTECTION

| Amorphous Silica(112926-00-8) | | |
|---------------------------------------|-----------------------------|--------------------------------------|
| USA OSHA | USA OSHA TWA (Table Z-1) | 6 mg/m3 |
| USA OSHA | USA OSHA TWA (Tabla Z-3) | 20 Million particals per cubic foot. |
| USA NIOSH | USA NIOSH TWA (REL) | 6 mg/m3 |
| Carbon Black(1333-86-4) | | |
| ACGIH TLV (Threshold Limit Value) | TWA (Time Weighted Average) | 3 mg/m3 8 hours |
| OSHA PEL (Permissible Exposure Limit) | TWA (Time Weighted Average) | 3.5 mg/m3 8 hours |
| NIOSH REL (Recommended Exposure | TWA (Time Weighted Average) | 3.5 mg/m3 8 hours |
| Limit) | | |
| NIOSH REL (Recommended Exposure | TWA (Time Weighted Average) | 0.1mg of PAHs/cm3 10 hours |
| Limit) | | |
| Diethanolamine(111-42-2) | | |
| ACGIH TLV (Threshold Limit Value) | TWA (Time Weighted Average) | 1.0 mg/m3 8 hours |
| NIOSH REL (Recommended Exposure | TWA (Time Weighted Average) | 15 mg/m3 8 hours |
| Limit) | | |
| NIOSH REL (Recommended Exposure | TWA (Time Weighted Average) | 3 ppm 8 hours |
| Limit) | | |

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Wear approved dust mask.

HAND PROTECTION: Wear protective gloves.

EYE PROTECTION: Chemical goggles or safety glasses.

SKIN AND BODY PROTECTION: Wear suitable protective clothing.

WORK HYGIENIC PRACTICES: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at

the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

| Physical state | : | Solid |
|---------------------------|---|---------------------|
| Melting point | : | 55 - 90 deg C |
| Flash point | : | No data available. |
| Lower explosion limit | : | 10 g/m ³ |
| Upper explosion limit | : | 70 g/m ³ |
| Density | : | 1.6049 |
| Solubility | : | No data available. |
| Autoignition temperature | : | No data available. |
| Decomposition temperature | : | No data available. |

10. STABILITY AND REACTIVITY

REACTIVITY: This product is stable at normal handling and storage conditions.

CHEMICAL STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Direct sunlight. Extremely high or low temperatures.

INCOMPATIBLE MATERIALS: Strong acids. Strong bases.

HAZARDOUS DECOMPOSITION PRODUCTS: Fume. Carbon monoxide. Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

| Amorphous Silica(112926-00-8) | |
|-------------------------------|-------------------|
| Acute toxicity | no data available |
| Acute toxicity: Inhalation | no data available |
| Acute toxicity: Dermal | no data available |
| Skin irritation | no data available |
| Eye irritation | no data available |



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| Respiratory or skin sensation | no data available |
|---|--|
| Germ cell mutagenicity | no data available |
| Carcinogenicity: IARC: Group 3: | not classifiable as to its carcinogenicity to humans |
| ACGIH | no component of this product present at levels greater than or equal to |
| | 0.1% is identified as a carcinogen or potential carcinogen by ACGIH |
| NTP | no component of this product present at levels greater than or equal to |
| | 0.1% is identified as a known or anticipated carcinogen by NTP |
| OSHA | no component of this product present at levels greater than or equal to |
| OSTIA | 0.1% is identified as a carcinogen or potential carcinogen by OSHA |
| Deproductive toxicity | no data available |
| Reproductive toxicity | |
| Specific target organ toxicity - single | no data available |
| exposure | |
| Specific target organ toxicity - repeated | no data available |
| exposure | |
| Aspiration hazard | no data available |
| Additional information | Amorphous silica is not classified as to its carcinogenicity to humans, |
| | however, crystalline silica inhaled in the form of quartz or cristobalite from |
| | occupational sources is carcinogenic to humans (Group 1, IARC). |
| | Therefore, amorphous silica should be handled as if possessing the same |
| | hazards as the crystalline form. To the best of our knowledge, the |
| | chemical, physical, and toxicological properties have not been thoroughly |
| | investigated. |
| Additional information | Stomach - irregularities - based on human evidence |
| | Stomath - irregularities - based on numan evidence |
| Barium Sulfate(7727-43-7) | Tar. 1 |
| Acute toxicity - inhalation | No data available |
| Acute toxicity - Dermal | No data available |
| Skin irritation | No data available |
| Eye irritation | No data available |
| Respiratory or skin sensation | No data available |
| Germ cell mutagenicity - mouse - | No reported data |
| micronucleus test | No reported data |
| Carcinogenicity - rat - intrapleural - | Equivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or |
| tumorigenic | |
| | Respiration: Tumors |
| IARC | No component of this product present at levels greater than or equal to |
| | 0.1% is identified as a probable, possible, or confirmed human carcinogen |
| | by IARC |
| ACGIH | No component of this product present at levels greater than or equal to |
| | 0.1% is identified as a carcinogen or potential carcinogen by ACGIH |
| NTP | No component of this product present at levels greater than or equal to |
| | 0.1% is identified as a known or anticipated carcinogen by NTP |
| OSHA | No component of this product present at levels greater than or equal to |
| | 0.1% is identified as a carcinogen or potential carcinogen by OSHA |
| Reproductive toxicity | No data available |
| Specific target organ toxicity - single | No data available |
| exposure | No data available |
| Specific target organ toxicity - repeated | No data available |
| , , , , | INO data available |
| exposure | No. 1 de la constante |
| Aspiration hazard | No data available |
| Additional information | Prolonged inhalation of dust may cause baritosis, a benign |
| | pneumoconiosis. If ingested, the presence of soluble barium salts as |
| | impurities may cause toxic reactions due to bioaccumulation., Damage to |
| | the lungs., To the best of our knowledge, the chemical, physical, and |
| | toxicological properties have not been thoroughly investigated. |
| Additional information | Stomach irregularities - based on human evidence |
| Carbon Black(1333-86-4) | * |
| LD50 Oral - Rat | > 8,000 mg/kg, male and female, (OECD Test Guideline 401) |
| LD50 Inhalation - Rat | No data available |
| LD50 Dermal - Rabbit | > 3,000 mg/kg |
| | |
| Skin corrosion/irritation | No skin irritation - 24 h, (OECD Test Guideline 404) |
| Eye damage/irritation - Rabbit | No eye irritation, (OECD Test Guideline 405) |
| Respiratory/skin sensitization - Guinea pig | Did not cause sensitization on laboratory animals, (OECD Test Guideline |
| | 406) |
| Germ cell mutagenicity | Ames test, S. typhimurium, negative |
| Hamster - Ovary | Negative |
| DNA repair - Rat - Female | Negative |
| I DIVA IEDAII - NAL - I EIIIAIE | |



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| Carcinogenicity - Rat - Inhalation | Tumorigenic: Carcinogenic by RTECS criteria. Lungs, Thorax, or |
|---|---|
| | Respiration: Tumors. This product is or contains a component that has |
| | been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, |
| | or EPA classification. Limited evidence of carcinogenicity in animal studies. |
| IARC | 2B - Group 2B: Possibly carcinogenic to humans (carbon black) |
| NTP | No component of this product present at levels greater than or equal |
| INTI | to0.1% is identified as a known or anticipated carcinogen by NTP |
| OCUA | |
| OSHA | No component of this product present at levels greater than 0.1% is |
| | identified as a carcinogen or potential carcinogen by OSHA |
| Reproductive toxicity | No data available |
| Organ toxicity | Specific target organ toxicity - single exposure: No data available |
| Organ toxicity | Specific target organ toxicity - repeated exposure: No data available |
| Aspiration hazard | No data available |
| Additional Information | RTECS: FF5800000 To the best of our knowledge, the chemical, physical, |
| Additional Information | and toxicological properties have not been throughly investigated. |
| Diethanelamine(111 42 2) | and toxicological properties have not been unroughly investigated. |
| Diethanolamine(111-42-2) | 1.000 // (OFOD T + O : / O |
| LD50 Oral - Rat - male and female | 1,600 mg/kg (OECD Test Guideline 401) |
| LD50 Dermal - Rabbit | 12,200 mg/kg |
| LD50 Intraperitoneal - Rat | 120 mg/kg |
| LD50 Intravenous - Rat | 778 mg/kg |
| Skin Corrosion/irritation | No data available |
| Serious eye damage/eye irritation | Rabbit - Risk of serious damage to eyes (OECD Test Guideline 405) |
| Respiratory or skin sensitization | Guinea pig - Did not cause sensitization on laboratory animals |
| | |
| Germ cell mutagenicity | Micronucleus test lymphocyte - Result Negative |
| Mutagenicity (micronucleus test) Mouse | Result: Negative |
| male and female | |
| Carcinogenicity - IARC | 2B - Group 2B Possibly carcinogenic to humans |
| Carcinogenicity - NTP | No component of this product present at levels greater than or equal to |
| , , , | 0.1% is identified as a known or anticipated carcinogen by NTP |
| Carcinogenicity - OSHA | No component of this product present at levels greater than or equal to |
| Carcinogenicity OSTIA | 0.1% is identified as a carcinogen or potential carcinogen by OSHA |
| Denne du ative terripitu | |
| Reproductive toxicity | No data available |
| Specific target organ toxicity - single | No data available |
| exposure | |
| Specific target organ toxicity - repeated | No data available |
| exposure | |
| Aspiration hazard | No data available |
| Additional information | Repeated dose toxicity - rat - male and female - oral Lowest observed |
| | adverse effect level - 25 mg/kg RTECS: KL297500 |
| Additional information | To the best of our knowledge, the chemical, physical, and toxicological |
| Additional information | properties have not been thoroughly investigated |
| Additional information | |
| Additional information | Liver - Irregularities - Based on Human Evidence |
| Pentaerythritol tetrakis(6683-19-8) | |
| Acute toxicity - LD50 - oral - male rat | > 5000 mg/kg |
| Acute toxicity - LC50 - inahalation - male | > 1.95 mg/l / 4h |
| and female rat | |
| Acute toxicity - LD50 - dermal - male and | > 3160 mg/kg |
| female rabbit | Ji ''a |
| Acute toxicity - LD50 - intraperitoneal - rat | > 1000 mg/kg |
| | |
| Skin corrosion - rabbit | No skin irritation - 24 h |
| Eye irritation - rabbit | No eye irritation |
| Respiratory or skin sesnsitization - guinea | Does not cause skin sensitization |
| pig | |
| Germ cell mutagenicity - Ames test - S. | Negative |
| typhimurium | |
| Mutagenicity - micronucleus test - male | Negative |
| and female hamster | |
| IARC carcinogenicity | No component of this product present at levels greater than or equal to |
| TAINE Carcinogenicity | |
| | 0.1% is identified as a probable, possible, or confirmed human carcinogen |
| 100711 | by IARC |
| ACGIH | No component of this product present at levels greater than or equal to |
| | 0.1% is identified as a carcinogen or potential carcinogen by ACGIH |
| NTP | No component of this product present at levels greater than or equal to |
| | 0.1% is identified as a known or anticipated carcinogen by NTP |
| OSHA | No component of this product present at levels greater than or equal to |
| | 0.1% is identified as a carcinogen or potential carcinogen by OSHA |
| Penroductive toxicity | No data available |
| Reproductive toxicity | וייט עמנמ מימוומטוכ |



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| Specific target organ toxicity - single exposure | No data available |
|--|--|
| Specific target organ toxicity - repeated | No data available |
| exposure | |
| Aspiration hazard | No data available |
| Tris(2,4-ditert-butylphenyl) phosphite(31570 | 0-04-4) |
| LD50 - oral - male and female rat - Acute | > 6000 mg/kg |
| Toxicity LD50 - dermal - male and female rat | > 2000 mg/kg |
| Skin irritation - rabbit | > 2000 mg/kg No skin irritation / 24 h |
| Eye irritation - rabbit | ' |
| | No eye irritation / 30 s |
| Respiratory or skin sensitization - guinea pig | Does not cause skin sensitization |
| Germ cell mutagenicity -Ames test | Negative |
| (micronucleus test) - male and femae | |
| hamster | |
| Carcinogenicity - oral - male and female | No adverse effect has been observed in chronic toxicity tests |
| rat | |
| IARC | No component of this product present at levels greater than or equal to |
| | 0.1% is identified as a probable, possible, or confirmed human carcinogen |
| ACGIH | by IARC |
| ACGIH | No component of this product present at levels greater than or equal to |
| NTP | 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to |
| INTE | 0.1% is identified as a known or anticipated carcinogen |
| OSHA | No component of this product present at levels greater than or equal to |
| OSHA | 0.1% is identified as a carcinogen or potential carconogen by OSHA |
| Reproductive toxicity | Not data available |
| Developmental toxicity - oral - rabbit | No adverse effect has been observed in chronic toxicity tests |
| Specific target organ toxicity - single | No data available |
| exposure | |
| Specific target organ toxicity - repeated | No data available |
| exposure | |
| Additional information | Repeated dose toxicity - rat - male and female - oral - No observed |
| | adverse effect level - >/ 1000 mg/kg |
| Additional information | No adverse effect has been observed in chronic toxicity tests |

12. ECOLOGICAL INFORMATION

| Amorphous Silica(112926-00-8) | |
|--|---|
| Toxicity | no data available |
| Persistence and degradability | no data available |
| Bioaccumulative potential | no data available |
| Mobility in soil | no data available |
| PBT and vPvB | not available/not required |
| Barium Sulfate(7727-43-7) | |
| Toxicity | No data available |
| Persistence and degradability | The methods for determining biodegradability are not applicable in inorganic substances |
| Bioaccumulative potential | No data available |
| Mobility in soil | No data available |
| PBT and vPvB | not available/not required |
| Carbon Black(1333-86-4) | |
| Toxicity to fish LC50 | Danio rerio (zebra fish) >1000 mg/l - 96 h |
| EC50 Toxicity to daphnia and other aquatic invertebrates | Daphnia magna (Water flea) > 5600 mg/l - 24 h (OECD Test Guideline 202) |
| EC50 Toxicity to algae | Desmodesmus subspicatus (green algae > 10,000 mg/l - 72 h (OECD Test Guideline 201) |
| Persistence and degradability | No data available |
| Bioaccumulative potential | No data available |
| Mobility in soil | No data available |
| PBT and vPvB assessment | Not available/not required |
| Diethanolamine(111-42-2) | |
| Toxicity to fish | LC50 - Pimephales promelas (fathead minnow) - 1,460 mg/l - 96h |
| Toxicity to daphnia and other aquatic invertebrates | static test EC50 - Daphnia magna (Water Flea) - 30.1 mg/l - 48h |



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| Persistence and degradability Biodegradability - aerobic - Exposure time 28d - Result: 93% Readily biodegradable (OECD Test Guideline 301F) Bioaccumulative potential Mobility in Soil Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lastting effects Pentaerythritol tetrakis(6683-19-8) Toxicity to fish - static LC50 - zebra fish Toxicity to daphnia and other aquatic inversely literative applications of the conduction of |
|--|
| Mobility in Soil Results of PBT and vPvB assessment Other adverse effects Other adverse effects Other adverse effects Pentaerythritol tetrakis(6683-19-8) Toxicity to fish - static LC50 - zebra fish Toxicity to daphnia and other aquatic No data available PBT/vPvB assessment not available as chemical safety assessment not required/not conducted An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lastting effects Pentaerythritol tetrakis(6683-19-8) Toxicity to fish - static LC50 - zebra fish > 100 mg/L / 96 h Toxicity to daphnia and other aquatic |
| Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lastting effects Pentaerythritol tetrakis(6683-19-8) Toxicity to fish - static LC50 - zebra fish Toxicity to daphnia and other aquatic PBT/vPvB assessment not available as chemical safety assessment not required/not conducted An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lastting effects Pentaerythritol tetrakis(6683-19-8) Toxicity to fish - static LC50 - zebra fish > 100 mg/L / 96 h Toxicity to daphnia and other aquatic |
| required/not conducted Other adverse effects An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lastting effects Pentaerythritol tetrakis(6683-19-8) Toxicity to fish - static LC50 - zebra fish Toxicity to daphnia and other aquatic required/not conducted An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lastting effects Pentaerythritol tetrakis(6683-19-8) Toxicity to fish - static LC50 - zebra fish > 100 mg/L / 96 h Toxicity to daphnia and other aquatic > 86 mg/L / 24 h |
| unprofessional handling or disposal. Harmful to aquatic life with long lastting effects Pentaerythritol tetrakis(6683-19-8) Toxicity to fish - static LC50 - zebra fish > 100 mg/L / 96 h Toxicity to daphnia and other aquatic > 86 mg/L / 24 h |
| Toxicity to fish - static LC50 - zebra fish > 100 mg/L / 96 h Toxicity to daphnia and other aquatic > 86 mg/L / 24 h |
| Toxicity to daphnia and other aquatic > 86 mg/L / 24 h |
| |
| in and harden in an ability in FOFO |
| invertebrates - immobilization EC50 - |
| daphnia magna (water flea) |
| Toxicity to algae - static EC50 - > 100 mg/L / 72 h |
| Scenedesmus subspicatus |
| Toxicity to bacteria - respiration inhibition > 100 mg/L / 3 h |
| IC50 - sludge treatment |
| Persistence and degradability - 5% - not biodegradable : exposure time - 28 d |
| biodegradability - aerobic |
| Bioaccumulative potential No data available |
| Mobility in soil No data available |
| PBT and vPvB Not available/not required |
| Other adverse effects No data available |
| Tris(2,4-ditert-butylphenyl) phosphite(31570-04-4) |
| Toxicity to fish - static LC0 - zebra fish 100 mg/L / 96 h |
| Toxicity to daphnia and other aquatic 510 mg/L / 24 h |
| invertebrates - static EC50 - Daphnia |
| magna |
| Toxicity to algae - static EC50 - > 75 mg/L / 72 h |
| Scenedesmus subspicatus |
| Toxicity to bacteria - respiration inhibition > 100 mg/L / 3 h |
| IC50 - sludge treatment |
| Persistence and degradability - 6% - not readily biodegradable - exposure: 28 d |
| biodegradability - aerobic |
| Bioaccumulative potential No data available |
| Mobility in soil No data available |
| PBT and vPvB not available/not required |

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

GENERAL INFORMATION: No data available.

DISPOSAL METHOD: Dispose of in accordance with Local, State, Regional, National and International Regulations.

Ecology - waste materials: Avoid release to the environment.

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14. TRANSPORT INFORMATION

*CHECK WITH YOUR CARRIER FOR ADDITIONAL RESTRICTIONS THAT MAY APPLY.

USDOT GROUND

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME (DOT): Not Regulated/Not Applicable

HAZARDS CLASS: None

UN/NA NUMBER: Not Applicable

PACKING GROUP: None

EMERGENCY RESPONSE GUIDE (ERG): Not Applicable

IATA (AIR)

DOT (INTERNATIONAL AIR TRANSPORTATION ASSOCIATION)

PROPER SHIPPING NAME: Not Regulated/Not Applicable

HAZARDS CLASS: Not Applicable UN/NA NUMBER: Not Applicable PACKING GROUP: Not Applicable

EMERGENCY RESPONSE GUIDE (ERG): Not Applicable

IMDG (OCEAN)

PROPER SHIPPING NAME: Not Regulated, Not Applicable

HAZARDS CLASS: Not Applicable UN/NA NUMBER: Not Applicable PACKING GROUP: Not Applicable

EMERGENCY RESPONSE GUIDE (ERG): Not Applicable

MARINE POLLUTANT: No

SPECIAL PRECAUTIONS: P235 Keep cool.



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15. REGULATORY INFORMATION

US FEDERAL REGULATIONS
All ingredients are TSCA (Toxic Substance Control Act) listed.

OSHA HAZARDS: Moderate skin irritant, Moderate eye irritant.

EPCRA - Emergency

CERCLA REPORTABLE QUANTITY

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard

| This product contains: | Chemical CAS# |
|------------------------|---------------|
| Carbon Black | 1333-86-4 |

SARA 313: No SARA 313 chemicals are present

CLEAN AIR ACT:

INTERNATIONAL REGULATIONS

CLASSIFICATION ACCORDING TO REGULATION (EC) No. 1272/2008 (CLP):

Carc. 2 H351 Suspected of causing cancer

STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure

NATIONAL REGULATIONS

| This product contains: | Chemical CAS# |
|------------------------|---------------|
| ~Carbon Black | 1333-86-4 |

National Regulations Key

~ Indicates a chemical listed by IARC as a possible carcinogen.

^ Indicates a chemical listed by IARC as carcinogenic to humans.



RDINAL SAFETY DATA SHEET

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STATE REGULATIONS **CALIFORNIA PROPOSITION 65**

| This product contains: | Chemical CAS# |
|------------------------|---------------|
| *Carbon Black | 1333-86-4 |
| *Diethanolamine | 111-42-2 |

Proposition 65 Key

WARNING: This product can expose you to a chemical(s), including those listed above, which is (are) known to the State of California to cause cancer.

For more information visit WWWPROP65.CA.GOV.

WARNING: This product can expose you to a chemical(s), including those listed above, which is (are) known to the State of California to cause birth defects or other reproductive harm.

For more information visit WWWPROP65.CA.GOV.

WARNING: This product can expose you to a chemical(s), including those listed above, which is (are) known to the

State of California to cause cancer and birth defects or other reproductive harm.

For more information visit <u>WWWPROP65.CA.GOV</u>.

Massachusetts Right to Know

| This product contains | Chemical CAS# |
|-----------------------|---------------|
| Barium Sulfate | 7727-43-7 |
| Carbon Black | 1333-86-4 |
| Amorphous Silica | 112926-00-8 |
| Diethanolamine | 111-42-2 |

Pennsylvania Right to Know

| This product contains | Chemical CAS# |
|--|---------------|
| Barium Sulfate | 7727-43-7 |
| Carbon Black | 1333-86-4 |
| Amorphous Silica | 112926-00-8 |
| Pentaerythritol tetrakis | 6683-19-8 |
| Tris(2,4-ditert-butylphenyl) phosphite | 31570-04-4 |
| Diethanolamine | 111-42-2 |

New Jersey Right to Know

| This product contains | Chemical CAS# |
|--|---------------|
| Barium Sulfate | 7727-43-7 |
| Carbon Black | 1333-86-4 |
| Amorphous Silica | 112926-00-8 |
| Pentaerythritol tetrakis | 6683-19-8 |
| Tris(2,4-ditert-butylphenyl) phosphite | 31570-04-4 |
| Diethanolamine | 111-42-2 |



RDINAL SAFETY DATA SHEET

ISSUED: 8/22/2018 **REFERENCE:** BK266-C206

16. OTHER INFORMATION

Other Product Information:

% Volatile by Volume : 0.03 % Volatile by Weight : 0.02 % Solids by volume : 99.98 % Solids by Weight : 99.98

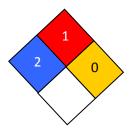
VOC CONTENT:

Content tested per EPA METHOD 24, ASTM D2369 is less than 1% Wt/Wt.

HMIS RATING

| Health : | 2 |
|-----------------------|---|
| Flammability : | 1 |
| Reactivity: | 0 |
| Personal Protection : | Е |

NFPA CODES



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