

Safety Data Sheet

Issue Date: 29-Aug-2019

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Version 1

1. IDENTIFICATION

Product identifier

Product Name Ceramic X3 Drying Agent (Step 3)

Other means of identification

SDS #

Recommended use of the chemical and restrictions on use

Recommended Use For industrial use.

Details of the supplier of the safety data sheet

Supplier Address

Diamond Shine, Inc
1340 E. 289th St
Wickliffe, OH 44092

Emergency telephone number

Company Phone Number 800-843-7627
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Clear straw-colored liquid

Physical state Liquid

Odor No appreciable odor

Classification

| | |
|--|------------|
| Serious eye damage/eye irritation | Category 1 |
| Specific target organ toxicity (single exposure) | Category 1 |

Signal Word

Danger

Hazard statements

Causes serious eye damage
Causes damage to organs



Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF exposed: Call a POISON CENTER or doctor/physician

IF IN EYES: 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

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS No | Weight-% |
|--|------------|----------|
| Glycol Ether EB | 111-76-2 | <10 |
| Petroleum distillates, hydrotreated middle | 64742-46-7 | <5 |

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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 | Wash off immediately with plenty of water for at least 15 minutes. Wash skin thoroughly with mild soap and water. Wash contaminated clothing before reuse. If skin irritation persists, call a physician. |
| Inhalation | Remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms develop and persist. |
| Ingestion | Seek medical attention immediately. Wash out mouth with water. If conscious give 2 glasses of water to dilute. Stop if the person feels sick as vomiting may be dangerous. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor breathing. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. |

Most important symptoms and effects, both acute and delayed

| | |
|-----------------|--|
| Symptoms | Causes mild skin irritation. Causes serious eye damage. Inhalation symptoms may include dizziness, headache, and nausea. Ingestion symptoms: causes damage to organs, optic nerve, and central nervous system. Irritating to mouth, throat, and stomach. |
|-----------------|--|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Foam. Dry chemical. Sand/earth.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Not determined.

Hazardous combustion products Carbon dioxide (CO₂). Carbon monoxide. Nitrogen oxides (NO_x). Hydrogen chloride. Silicon oxides.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Contain and collect with an inert absorbent and place into an appropriate container for disposal. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Wear protective gloves/protective clothing and eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up.

Incompatible Materials Oxidizing agents. Reducing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-----------------------------|-------------|--|--|
| Glycol Ether EB 111-76-2 | TWA: 20 ppm | TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S* | IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³ |

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

| | |
|---------------------------------------|---|
| Eye/Face Protection | Wear eye/face protection. Splash goggles or safety glasses. Refer to 29 CFR 1910.133 for eye and face protection regulations. |
| Skin and Body Protection | Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection. |
| Respiratory Protection | Ensure adequate ventilation, especially in confined areas. Refer to 29 CFR 1910.134 for respiratory protection requirements. |
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice. |

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

| | | | |
|---|----------------------------|-------------------------|---------------------|
| Physical state | Liquid | Odor | No appreciable odor |
| Appearance | Clear straw-colored liquid | Odor Threshold | Not determined |
| Color | Straw | | |
| Property | Values | Remarks • Method | |
| pH | 7.0-9.0 | | |
| Melting point / freezing point | Not determined | | |
| Boiling point / boiling range | > 100 °C / 212 °F | | |
| Flash point | Not determined | | |
| Evaporation Rate | Not determined | | |
| Flammability (Solid, Gas) | Liquid-Not applicable | | |
| Flammability Limit in Air | | | |
| Upper flammability or explosive limits | Not determined | | |
| Lower flammability or explosive limits | Not determined | | |
| Vapor Pressure | Not determined | | |
| Vapor Density | Not determined | | |
| Relative Density | 0.960-0.980 | (Water=1) | |
| Water Solubility | Not determined | | |
| Solubility in other solvents | Not determined | | |
| Partition Coefficient | Not determined | | |
| Autoignition temperature | Not determined | | |
| Decomposition temperature | Not determined | | |
| Kinematic viscosity | 10-30 cst | | |
| Dynamic Viscosity | Not determined | | |
| Explosive Properties | Not determined | | |
| Oxidizing Properties | Not determined | | |

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

| | |
|---------------------------------|--|
| Hazardous Polymerization | Hazardous polymerization does not occur. |
|---------------------------------|--|

Conditions to Avoid

Keep out of reach of children.

Incompatible materials

Oxidizing agents. Reducing agents.

Hazardous decomposition productsCarbon dioxide (CO₂). Nitrogen oxides (NO_x). Hydrogen chloride. Silicon oxides. Under normal conditions of storage and use, hazardous decomposition products should not be produced.**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information****Eye Contact** Avoid contact with eyes. Causes serious eye damage.**Skin Contact** Avoid contact with skin.**Inhalation** Do not inhale.**Ingestion** Do not ingest.**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--|---|-------------------------|---|
| Glycol Ether EB 111-76-2 | = 470 mg/kg (Rat) | = 435 mg/kg (Rabbit) | = 486 ppm (Rat) 4 h = 450 ppm (Rat) 4 h |
| Petroleum distillates, hydrotreated middle 64742-46-7 | = 7400 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 4.6 mg/L (Rat) 4 h |
| Proprietary ingredient 2 | = 620 mg/kg (Rat) = 500 mg/kg (Rat) | > 10 g/kg (Rat) | - |

Symptoms related to the physical, chemical and toxicological characteristics**Symptoms** Please see section 4 of this SDS for symptoms.**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin corrosion/irritation** May cause skin irritation.**Carcinogenicity** Group 3 IARC components are "not classifiable as human carcinogens".

| Chemical name | ACGIH | IARC | NTP | OSHA |
|-----------------------------|-------|---------|-----|------|
| Glycol Ether EB 111-76-2 | A3 | Group 3 | | |

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

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

STOT - single exposure Causes damage to organs. optic nerve. Central nervous system (CNS).

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

| | |
|--------------------------------------|----------------|
| Oral LD50 | 8,227.90 mg/kg |
| Dermal LD50 | 9,496.00 mg/kg |
| ATEmix (inhalation-dust/mist) | 14.30 mg/L |
| ATEmix (inhalation-vapor) | 22.45 mg/L |

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.

Component Information

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|---|----------------------|---|--|
| Glycol Ether EB 111-76-2 | | 2950: 96 h Lepomis macrochirus mg/L LC50 1490: 96 h Lepomis macrochirus mg/L LC50 static | 1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50 |
| Petroleum distillates, hydrotreated middle 64742-46-7 | | 10000: 96 h Pimephales promelas mg/L LC50 static 35: 96 h Pimephales promelas mg/L LC50 flow-through | |

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

| Chemical name | Partition coefficient |
|-----------------------------|-----------------------|
| Glycol Ether EB 111-76-2 | 0.81 |

Other Adverse Effects

Not determined

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

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

14. TRANSPORT INFORMATION

| | |
|-------------|---|
| Note | Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. |
| DOT | Not regulated |
| IATA | Not regulated |
| IMDG | Not regulated |

15. REGULATORY INFORMATION

International Inventories

| Chemical name | TSCA | TSCA Inventory Status | DSL/NDSL | EINECS/ELINCS | ENCS | IECSC | KECL | PICCS | AICS |
|--|------|-----------------------|----------|---------------|------|-------|------|-------|------|
| Glycol Ether EB | X | ACTIVE | X | X | X | X | X | X | X |
| Proprietary Silicone Emulsion | X | ACTIVE | X | X | X | X | X | X | X |
| Proprietary ingredient 1 | X | ACTIVE | X | X | | X | | | X |
| Petroleum distillates, hydrotreated middle | X | ACTIVE | X | X | | X | X | X | X |
| Proprietary ingredient 2 | X | ACTIVE | X | X | | X | X | X | X |
| Polyoxyethylene 2-ethyl hexyl ether | X | ACTIVE | X | | | X | | X | X |

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

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

| Chemical name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|----------------------------|----------|----------|-------------------------------|
| Glycol Ether EB - 111-76-2 | 111-76-2 | <10 | 1.0 |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|-------------------------------|------------|---------------|--------------|
| Glycol Ether EB 111-76-2 | X | X | X |
| Proprietary Silicone Emulsion | | | X |

16. OTHER INFORMATION**NFPA****Health Hazards**

Not determined

Flammability

Not determined

Instability

Not determined

Special Hazards

Not determined

HMIS**Health Hazards**

Not determined

Flammability

Not determined

Physical hazards

Not determined

Personal Protection

Not determined

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Revision Note:

New

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.

End of Safety Data Sheet