

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/6

## DIAMOND COMPOUND

Revision 15

Revision date 2015-05-13

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name DIAMOND COMPOUND

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use [SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU0] Other; [PC25] Metal working fluids; [PROC21] Low energy manipulation of substances bound in materials and/or articles; [ERC12a] Industrial processing of articles with abrasive techniques (low release);

#### 1.3. Details of the supplier of the safety data sheet

Company ITW Trans Tech  
 Address 475 N. Gary Avenue  
 Carol Stream, IL 60188  
 Web www.itwtranstech.com  
 Telephone +630-752-4000

#### 1.4. Emergency telephone number


Emergency telephone number 352-323-3500  
 Company Infotrac

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC  
 Xi; R41  
 Symbols: Xi: Irritant.  
 Main hazards Risk of serious damage to eyes.  
 2.1.2. Classification - EC  
 1272/2008  
 Eye Dam. 1: H318;

#### 2.2. Label elements

Hazard pictograms 

Signal Word Danger

Hazard Statement Eye Dam. 1: H318 - Causes serious eye damage.

**2.2. Label elements**

<b>Precautionary Statement: Prevention</b>	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 -Immediately call a POISON CENTER/doctor/ .

**2.3. Other hazards**

<b>Other hazards</b>	Contact with the eyes should be avoided due to the abrasive nature of the product. PBT/vPvB assessment is not available as a chemical safety assessment is either not required or has not been conducted.
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**SECTION 3: Composition/information on ingredients****3.2. Mixtures****67/548/EEC / 1999/45/EC**

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Ceteareth-10		68439-49-6			10 - 20%	Xn; R22 Xi; R41	

**EC 1272/2008**

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Ceteareth-10		68439-49-6			10 - 20%	Acute Tox. 4: H302; Eye Dam. 1: H318;	

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>Inhalation</b>	Seek medical attention.
<b>Eye contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention. May cause irritation to eyes.
<b>Skin contact</b>	May cause irritation to skin. Wash with soap and water.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Rinse mouth thoroughly. Drink 1 to 2 glasses of water. Seek medical attention.

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

<b>Inhalation</b>	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
<b>Eye contact</b>	May cause temporary eye irritation or eye damage due to the abrasive nature of the product.
<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dryness.
<b>Ingestion</b>	Ingestion may cause nausea and vomiting.

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

<b>Inhalation</b>	Remove the affected person from the source of contamination immediately.
<b>Eye contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
<b>Skin contact</b>	Wash with soap and water.
<b>Ingestion</b>	DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water.

**General information**

	If you feel unwell, seek medical advice (show the label where possible). Wash all contaminated clothing before reuse.
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**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Use as appropriate: Carbon dioxide (CO2), Dry chemical, Foam. Use extinguishing media appropriate to the surrounding fire conditions.
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**5.2. Special hazards arising from the substance or mixture**

	Toxic Fumes and Dust may be formed in fire conditions.
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**5.3. Advice for firefighters**

Wear: Self-contained breathing apparatus.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation of the working area. Sweep up.

**6.2. Environmental precautions**

Do not allow product to enter drains. Do not flush into surface water.

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

Clean area thoroughly with detergent. Clean spillage area thoroughly with plenty of water. Transfer to suitable, labelled containers for disposal.

**6.4. Reference to other sections**

See section 2, 7, 8 & 9 for further information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Wear suitable protective equipment.

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

Keep in a cool, dry, well ventilated area. Store in original container. Do NOT allow to freeze.

**7.3. Specific end use(s)**

Use as Supplied. For use as a metal working lubricant/coolant in industrial applications only.

**Suitable packaging**

Plastic containers.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

Ensure adequate ventilation of the working area.

**8.2. Exposure controls****8.2.1. Appropriate engineering controls**

Ensure adequate ventilation of the working area.

**8.2.2. Individual protection measures**

Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

**Eye / face protection**

Safety glasses. Avoid contact with eyes.

**Skin protection - Handprotection**

Chemical resistant gloves (PVC).

**Respiratory protection**

Not normally required. Wear suitable respiratory equipment when necessary.

**8.2.3. Environmental exposure controls**

Dispose of this material and its container to hazardous or special waste collection point.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Paste
<b>Colour</b>	Various Depending On Grade
<b>Odour</b>	Slight
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	No data available
<b>Melting point</b>	> 40 °C
<b>Initial boiling point</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	No data available
<b>Relative density</b>	1.05 g/ml Approx
<b>Water solubility</b>	No data available
<b>Partition coefficient (n-octanol/water)</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Slightly miscible in water

**9.2. Other information**

<b>Conductivity</b>	No data available
<b>Surface tension</b>	Not applicable.
<b>Gas group</b>	Not applicable.
<b>Benzene Content</b>	Not applicable.
<b>Lead content</b>	No data available
<b>VOC (Volatile organic compounds)</b>	Not applicable.

**Water solubility**

Slightly Miscible.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None expected under normal conditions of use.

**10.2. Chemical stability**

Will not decompose if stored and used as recommended.

**10.3. Possibility of hazardous reactions**

None expected under normal conditions of use.

**10.4. Conditions to avoid**

Do NOT allow to freeze. Direct sunlight. Heat, sparks and open flames.

**10.5. Incompatible materials**

Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

Incomplete combustion will produce toxic and noxious fumes including carbon monoxide and carbon dioxide.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	MAY CAUSE EYE IRRITATION.
Respiratory or skin sensitisation	No sensitization effects reported.
Repeated or prolonged exposure	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

**11.1.4. Toxicological Information**

	No data available
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**SECTION 12: Ecological information****12.1. Toxicity**

	No data available
	No data is available on this product.

**12.2. Persistence and degradability**

	No data is available on this product.
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**12.3. Bioaccumulative potential**

	No data is available on this product.
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**Partition coefficient**

	<b>DIAMOND COMPOUND</b> No data available
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**12.4. Mobility in soil**

	No data is available on this product.
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**12.5. Results of PBT and vPvB assessment**

	PBT/vPvB assessment is not available as a chemical safety assessment is either not required or has not been conducted.
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**12.6. Other adverse effects**

	No known adverse environmental effects.
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**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

	Allocation of the correct EWC Number should be done in accordance with the European Waste Catalogue and should be carried out in agreement with an EA authorised waste disposal company.
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**General information**

	Can be incinerated if in compliance with local and national regulations. Dispose of in compliance with all local and national regulations.
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**Disposal methods**

	Dispose of this material and its container to hazardous or special waste collection point.
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**Disposal of packaging**

	Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. Empty containers can be sent for disposal or recycling.
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**SECTION 14: Transport information****ADR/RID**

	The product is not classified as dangerous for carriage.
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**IMDG**

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<b>IMDG</b>	
	The product is not classified as dangerous for carriage.

<b>IATA</b>	
	The product is not classified as dangerous for carriage.

<b>Further information</b>	
	The product is not classified as dangerous for carriage.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>Regulations</b>	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. Regulation (EC) No 1907/2006 REACH, Regulation (EC) No 1272/2008 CLP. The Health and Safety at Work Act 1974. Workplace Exposure Limits EH40.
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<b>15.2. Chemical safety assessment</b>	
	A chemical safety assessment has not been conducted.

### SECTION 16: Other information

<b>Other information</b>	
<b>Revision</b>	This document differs from the previous version in the following areas: 9 - 9.1. Information on basic physical and chemical properties (Odour threshold). 12 - 12.1. Toxicity.
<b>Text of risk phrases in Section 3</b>	R22 - Harmful if swallowed. R41 - Risk of serious damage to eyes.
<b>Text of Hazard Statements in Section 3</b>	Acute Tox. 4: H302 - Harmful if swallowed. Eye Dam. 1: H318 - Causes serious eye damage.

<b>Further information</b>	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.

#### Trusted Partner for Your Product Decorating Needs

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