

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/6

### GESSWEIN BUDGET OIL SOLUBLE DIAMOND COMPOUND

Revision 1

Revision date 2015-06-18

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

##### 1.1. Product identifier

Product name	GESSWEIN BUDGET OIL SOLUBLE DIAMOND COMPOUND
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##### 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; [PC0] Other;
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##### 1.3. Details of the supplier of the safety data sheet

Company Address	Paul H. Gesswein & Co., Inc. 201 Hancock Ave. Bridgeport, CT 06605 USA
Web	www.gesswein.com
Telephone	203-366-5400
Email	jharsh@gesswein.com

##### 1.4. Emergency telephone number

Emergency telephone Company	800-255-3924 Chemtel
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#### SECTION 2: Hazards identification

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

Main hazards	No Significant Hazard
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##### 2.2. Label elements

Risk phrases	No Significant Hazard
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##### 2.3. Other hazards

Other hazards	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

# GESSWEIN BUDGET OIL SOLUBLE DIAMOND COMPOUND

Revision 1

Revision date 2015-06-18

## 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.
Sodium nitrite	007-010-00-4	7632-00-0	231-555-9		0.5 - 1%	O; R8 T; R25 N; R50	
AROMATIC AMINE			270-128-1		0.5 - 1%	N; R51/53	

### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Sodium nitrite	007-010-00-4	7632-00-0	231-555-9		0.5 - 1%	Ox. Sol. 3: H272; Acute Tox. 3: H301; Aquatic Acute 1: H400;	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Seek medical attention. Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention. May cause irritation to eyes.
Skin contact	Wash with soap and water.
Ingestion	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

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

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

Inhalation	Remove the affected person from the source of contamination immediately.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash with soap and water.
Ingestion	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.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Sweep up.
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### 6.2. Environmental precautions

	Do not allow product to enter drains. Do not flush into surface water.
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# GESSWEIN BUDGET OIL SOLUBLE DIAMOND COMPOUND

Revision 1

Revision date 2015-06-18

## 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.

#### 8.1.1. Exposure Limit Values

GESSWEIN BUDGET OIL SOLUBLE DIAMOND COMPOUND	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m3: 5 Oil Mist
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3: 10 Oil Mist
	WEL 8-hr limit mg/m3 total inhalable dust:	WEL 15 min limit mg/m3 total inhalable dust:
	WEL 8-hr limit mg/m3 total respirable dust:	WEL 15 min limit mg/m3 total respirable dust:

### 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

# GESSWEIN BUDGET OIL SOLUBLE DIAMOND COMPOUND

Revision 1

Revision date 2015-06-18

## 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Paste
<b>Colour</b>	Various Depending On Grade
<b>Odour</b>	Characteristic
<b>Odour threshold</b>	No data available
<b>pH</b>	No data available
<b>Melting point</b>	No data available
<b>Initial boiling point</b>	No data available
<b>Flash point</b>	> 100 °C
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	≈ 1 (H <sub>2</sub> O = 1 @ 20 °C)
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	> 250 °C
<b>Viscosity</b>	> 100 x 10 <sup>-6</sup> m <sup>2</sup> /s @ 40 °C (ISO 3104/3105)
<b>Explosive properties</b>	No data available
<b>Oxidising properties</b>	No data available
<b>Solubility</b>	Insoluble in water

## 9.2. Other information

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

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

	None expected under normal conditions of use.
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### 10.2. Chemical stability

	Will not decompose if stored and used as recommended.
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### 10.3. Possibility of hazardous reactions

	None expected under normal conditions of use.
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### 10.4. Conditions to avoid

	Do NOT allow to freeze. Direct sunlight. Heat, sparks and open flames.
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### 10.5. Incompatible materials

	Strong acids. Strong bases. Strong oxidising agents.
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### 10.6. Hazardous decomposition products

	Incomplete combustion will produce toxic and noxious fumes including carbon monoxide and carbon dioxide.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	No data is available on this product.
<b>Skin corrosion/irritation</b>	May cause irritation to skin.

# GESSWEIN BUDGET OIL SOLUBLE DIAMOND COMPOUND

Revision 1

Revision date 2015-06-18

## 11.1. Information on toxicological effects

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

	Inherently Biodegradable > 50% in 28 Days.
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### 12.3. Bioaccumulative potential

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

	<b>GESSWEIN BUDGET OIL</b> No data available <b>SOLUBLE DIAMOND</b> <b>COMPOUND</b>
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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

### 14.1. UN number

	The product is not classified as dangerous for carriage.
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# GESSWEIN BUDGET OIL SOLUBLE DIAMOND COMPOUND

Revision 1

Revision date 2015-06-18

## 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

## 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

## 14.4. Packing group

The product is not classified as dangerous for carriage.

## 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## Further information

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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### 15.2. Chemical safety assessment

A chemical safety assessment has not been conducted.

## SECTION 16: Other information

### Other information

<b>Text of risk phrases in Section 3</b>	R8 - Contact with combustible material may cause fire. R25 - Toxic if swallowed. R50 - Very toxic to aquatic organisms. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Text of Hazard Statements in Section 3</b>	Ox. Sol. 3: H272 - May intensify fire; oxidiser. Acute Tox. 3: H301 - Toxic if swallowed. Aquatic Acute 1: H400 - Very toxic to aquatic life.

### Further information

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.