

Revision: July/15 /2014

Product: Compound

# SDS

## Safety Data Sheet

### Product Name: Polishing Compound

As there are some safety instructions and important information in this document, Grobet File Company of America suggests you to read throughout the SDS and understand all the precautions stated in this document.

### 1. Identification of the substance/mixture and of the company

- 1.1 Trade name: Dialux Polishing Compounds, All colors
- 1.2 Item no.: 2151771, 2151772, 2151773, 2151774, 2151775, 2151776, 2151777, 2151778
- 1.3 Chemical Classification: Mixture of fatty acids, parafines, abrasive polishing minerals
- 1.4 Use of the substance/preparation:
- Industry sector: Polishing
- 1.5 Identification of the company:
- Manufacturer/supplier: Paul H. Gesswein & Co., Inc.  
Address: 201 Hancock Ave., Bridgeport, CT 06605  
Phone: 203-366-5400, FAX: 203-366-3953  
email: [info@gesswein.com](mailto:info@gesswein.com), [www.gesswein.com](http://www.gesswein.com)
- Telephone no.:
- Emergency telephone no.: **CHEMTELL - 800-255-3924**
- 1.6 First Printing date: July 15, 2014

### 2. Hazards Identification

- 2 Classification of the substance: Mixture

CLP regulation: The product does not require classification and labelling as Regulation (EC) No. 1272/2008/ hazards according to CLP/GHS. as amended.

2.3 Other hazards: According to the present state of knowledge provided, if this product handled correctly, there is no danger to human beings or to the environment.

### 3. Composition/information on ingredients

3.1 Type of Chemical:	Substance			
<u>Ingredients</u>	<u>CAS no.</u>	<u>EC no.</u>	<u>% (w/w)</u>	<u>Hazardous</u>
Aluminium Oxide	11092-32-3		35~40%	NO
Stearic Acid	57-11-4	--	20~30%	NO
Paraffin	8002-74-2		12~15%	NO
Water	7732-18-5		15~20%	NO

### 4. First aid measures

#### 4.1 Description of first aid measures

Eye contact: Immediately rinse the affected eyes with clean water and contact with eye doctor.

Skin contact: Wash off immediately with plenty of water, get medical treatment if necessary.

Inhalation: Remove victim to fresh air, get medical treatment if necessary.

Ingestion: Wash out mouth with water, get medical treatment if necessary.

4.2 Remark: No designated alexipharmic, indication of any immediate medical treatment and special treatment needed.

### 5. Fire fighting measures

5.1 Suitable extinguishing media: Water

5.2 Unsuitable extinguishing media: Not available

#### 5.3 Special hazards

Unusual fire disaster and explosion hazards: Decomposition at temperature above 400°C

Decomposition and combustion products: Carbon dioxide, water

5.4 Special fire fighting process: Evacuate and isolate people from fire; Immerse the burning staff

with water to cool down and avoid burning again; Control the fire with water by cooling down the area.

5.5 Protection for fireman: Self-contained breathing equipment. Keep distance from fire if no protective equipments.

## 6. Accidental release measures

- |                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| 6.1 Personal precautions:      | Use appropriate protective equipments; pay attention to the slippy floor after the material spilled out. |
| 6.2 Environmental precautions: | Prevent it from flowing into earth, canal and sewer.                                                     |
| 6.3 Methods for cleaning up:   | Collect spilled material in a sealed container with label for disposal.                                  |
| 6.4 Remark:                    | Prevent dispersion of dust.                                                                              |

## 7. Handling and storage

### 7.1 Precautions

Advice on protection against fire and explosion:

Sealed and stored in a cool, dry and ventilated place, away from sources of ignition. Prevent direct sunlight.

### 7.2 Conditions for safe storage

Requirements for storage areas and containers:

Only keep in unopened original container.

Advice on storage compatibility:

Other information on storage conditions:

Keep containers tightly closed; In cool and dry storage condition.

### 7.3 Suitable packaging material:

Prevent dispersion of dust.

## 8. Exposure controls/personal protection



### 8.1 Industry healthy standard

Occupational exposure limit value: Not available

DNEL/DMEL value: Not available

PNEC value: Not available

### 8.2 Engineering measures

ventilation:	Ventilation recommended to decrease dust exposure.
<b>8.3 Personal protection</b>	
Respiratory system:	Protective mask recommended. Respiratory protection equipments are compulsory when the exposure limit value is exceeded; Any uncomfortable feelings or breathing irritation happens, or harmfulness exists after evaluation, Respiratory protection equipments should be weared.
Eyes:	Safety goggles recommended if there is dust exposure to eyes; If discomfort by contacts, safety dust mask is recommended.
	
Hands:	Chemical rubber gloves are recommended in order to minimize exposure to skin.
	
Skin and body:	Only clean long-sleeved protective cloth; no other special protections.
<b>8.4 Other exposure limits:</b>	Clean skin thoroughly after work and then use some skin cream.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form:	Solid
Average particle size:	Not tested
Colour:	Surface
Odour:	Not specified
Odour threshold:	Not tested
Decomposition temp.:	$\geq 400^{\circ}\text{C}$
Flash point:	Not applicable
Flammability	
Lower explosion limit:	Not applicable
Upper explosive limit:	Not applicable
Combustion number:	Not applicable
Water solubility:	$\leq 0.4\text{g/L (}25^{\circ}\text{C)}$

Octanol/water partition

coefficient: Not applicable

Ignition temp.: Not applicable

Self-ignition temp.: Not applicable

## 9.2 Other information

Impact sensitivity: Note impact-sensitive

*The information above is only for reference, please contact us if you need any detail information.***10. Stability and reactivity**

10.1 Stability: Stable

10.2 Reactivity: Not applicable

10.3 Conditions to avoid: Avoid high temp to prevent decomposition.

10.4 Incompatible materials: Not applicable

10.5 Hazardous polymerization: Will not occur

10.6 Hazardous decomposition

products: Not applicable

**11. Toxicological information**

11.1 Exposure ways: Inhalation, skin exposure and eat accidentally.

11.2 Effects and symptoms after

exposure: No special effects under usual use.

11.3 Acute toxicological effects

Eyes: Non-irritant

Skin: Slightly irritant

Oral: Estimated value LD50 &gt; 5000 mg/kg

Inhalation: No big effects in a short exposure.

11.4 Chronic toxicological effects

Skin: Long-time exposure may cause skin-irritant and dermatitis.

Oral: Over ingestion may cause inner harmfulness.

Inhalation: Over inhalation may cause pneogaster harmfulness.

11.5 Chronic toxicological effects and

cancer effects: Not applicable

11.6 Toxicological effects on

upgrowth: Not applicable

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11.7 Assessment of mutagenicity:	Not applicable
11.8 Assessment of toxicity to reproduction:	No reproductive toxicity to be expected.
11.9 Inherent toxicological effects:	Not applicable
11.10 Specific target organ toxicity	
Single exposure:	Not available
Repeat exposure:	Not available

*All the potential toxicities above are listed on the basis of the data of the product or similar product studied by some research institution or experts.*

## 12. Ecological information

12.1 Ecological toxicological effects	
Fish toxicity:	Not available
Toxicity to soil-dwelling organisms:	Not available
Toxicity to terrestrial organisms:	Not available
Toxicity to other environmentally relevant organisms:	Not available
12.2 Effects to waste-water disposal plant:	Not available for the harmful effects of the germ.
12.3 Persistence and degradability:	Inorganic substance degradation.
12.4 Bioaccumulative potential:	No biological accumulative ability.
12.5 Mobility in soil:	Material would keep being in earth at a short term; after a long-term time, it would degrade in earth.
12.6 Additional ecotoxicological information:	The ecological values have been gathered from a saturated aqueous solution. It may cause eutrophication of static water. Therefore, it should not be released into surface water. Sludge adsorption is one of main elimination methods.

## 13. Disposal considerations

13.1 Waste treatment methods	In accordance with waste regulations, send for recovery or disposal. The diluted solution should be discharged to a sewerage treatment plant with the approval of the treatment plant.
13.2 Uncleaned packaging:	Recycle the uncontaminated packaging.

## 14. Transport information

14.1 ARD	Not restricted
14.2 RID:	Not restricted
14.3 IMDG:	Not restricted
14.4 IATA:	Not restricted
14.5 Special precautions for user:	Please see sections 6 to 8 of this (M)SDS.

## 15. Regulatory information

15.1 Laws and regulations relating to product Volatile organic compounds (VOC):	Based on the ingredients of this product, the product contains no VOC components as defined by Directive 1999/13/EC.
15.2 Chemecal safety assessment:	No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances contained in this product.
15.3 Chemicals regulations	
TSCA:	All the compositions of this product are listed in and exempt from TSCA inventory list.
AICS:	All the compositions are listed in and exempt from regulation list.
DSL:	All the compositions are listed in and exempt from DSL inventory list.
IECSC:	All the compositions are listed in and exempt from regulation list.
EINECS:	All the compositions are listed in and exempt from regulation list.
KECL:	All the compositions are exempt from the list.
PICCS:	All the compositions are listed in and exempt from regulation list.
HSNO:	All the compositions are listed in and exempt from regulation list.
ENCS/ISHL:	All the compositions are listed in and exempt from ENCS list.