

# SAFETY DATA SHEET

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200

## 1. Identification of the substance or mixture and of the supplier

### 1.1 Product identifier:

**Product name:** BLUESIL BP 9821

**Product No.:** PRCO90051761

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

**Identified uses:** Water repellent.

**Uses advised against:** None known.

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

#### **Manufacturer:**

Elkem Siliconas España, S.A.  
Calle Vic 3 Poligono Industrial La Florida  
E-08130 Santa perpetua de Mogoda (Barcelona)  
SPAIN

**Telephone:** +34 9 35 04 02 00

**E-mail:** fds.sil@elkem.com

#### **Supplier:**

Elkem Silicones USA Corp.  
Two Tower Blvd, Suite 1802  
08816-1100 East Brunswick, NJ  
USA

**Telephone:** +1 (732) 227-2060

**Fax:** +1 (732) 249-7000

### 1.4 Emergency telephone number: +1 (800) 424-9300 CHEMTREC

## 2. Hazards identification

### 2.1 Classification of the substance or mixture:

The product has been classified according to the legislation in force.

#### **Hazard Classification:**

##### **Health Hazards:**

Serious eye irritation

Category 2B

H320: Causes eye irritation.

### 2.2 Label Elements:

**Hazard pictograms:** No symbol.

**Signal Word:** Warning

**Hazard statements:** H320: Causes eye irritation.

**Precautionary Statements:**

**Prevention:** P280: Wear eye protection/face protection.

**Response:** P305+P351+P337+P313: IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.

### **2.3 Other hazards which do not result in GHS classification:**

Chemical compounds containing silicon - hydrogen bonds (SiH).

## **3. Composition/information on ingredients**

### **Mixtures:**

#### **General information:**

Aqueous emulsion of Polyorganosiloxanes.

#### **Hazardous Component(s):**

Chemical name	Concentration*	Type	CAS number
Alcohols, C11-14-iso-, C13-rich, ethoxylated	3 - <5%	Component	78330-21-9

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## **4. First-aid measures**

### **General information:**

For further information refer to section 8 "Exposure-controls/personal protection".

### **4.1 Description of first aid measures:**

#### **Inhalation:**

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

#### **Skin contact:**

Wash contact areas with soap and water.  
Get medical attention if irritation persists after washing.

#### **Eye contact:**

In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.  
Get medical attention if irritation persists after washing.

#### **Ingestion:**

Do not induce vomiting. Rinse mouth thoroughly.  
Get medical attention if symptoms occur.

### **4.2 Most important symptoms and effects, both acute and delayed:**

None known.

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

#### **Hazards:**

No specific recommendations.

#### **Treatment:**

No specific recommendations.

## **5. Fire-fighting measures**

### **General Fire Hazards:**

No specific recommendations.

### **5.1 Extinguishing media:**

**Suitable extinguishing media:**

Water spray, dry powder or carbon dioxide.

**Unsuitable extinguishing media:**

Do not use water jet as an extinguisher, as this will spread the fire. Do not use alkaline powders.

### **5.2 Special hazards arising from the substance or mixture:**

Material will burn if water evaporates from emulsion, and it is heated above its flash point. Hazardous Decomposition Products : formaldehyde, oxides of carbon and silica.

### **5.3 Advice for firefighters:**

**Special fire fighting procedures:**

Water spray should be used to cool containers.

**Special protective equipment for fire-fighters:**

Firefighters should wear standard protective equipment and a positive pressure self-contained breathing apparatus (SCBA).

## **6. Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures:**

Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Avoid contact with alkalis and caustic products. Eliminate all sources of ignition.

### **6.2 Environmental Precautions:**

Do not allow to enter drains, sewers or watercourses.

### **6.3 Methods and material for containment and cleaning up:**

Avoid contact with alkalis and caustic products. Absorb with sand or other inert absorbent and place into containers.

### **6.4 Reference to other sections:**

Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

## **7. Handling and storage**

### **7.1 Precautions for safe handling:**

**Precautions:**

No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the SDS for additional personal protection advice when handling this product.

**Hygiene measures:**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### **7.2 Conditions for safe storage, including any incompatibilities:**

Store in a cool, dry place with adequate ventilation.  
Keep from freezing.

### **7.3 Specific end use(s):**

No data available.

## 8. Exposure controls/personal protection

### 8.1 Control Parameters:

#### Occupational Exposure Limits:

No exposure limits noted for the ingredient(s).

### 8.2 Exposure controls:

#### Appropriate Engineering Controls:

Provide adequate ventilation. In case of inadequate ventilation: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Individual protection measures, such as personal protective equipment:

Avoid inhalation of vapors/aerosols/dusts and contact with skin and eyes. Personal protective equipment should be chosen according to applicable standards, adapted to the conditions of use of the product and in discussion with the supplier of the personal protective equipment.

<b>Eye/face protection:</b>	Goggles/face shield are recommended.
<b>Hand Protection:</b>	Protective gloves are recommended.
<b>Skin and Body Protection:</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Respiratory Protection:</b>	If ventilation is insufficient, suitable respiratory protection must be provided.

#### Environmental Controls:

No data available.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

#### Appearance:

<b>Physical state:</b>	Liquid
<b>Form:</b>	Mobile
<b>Color:</b>	White
<b>Odor:</b>	Faint
<b>pH:</b>	10 - 11 (100 %)
<b>Melting point/freezing point:</b>	>= 0 °C
<b>Boiling Point:</b>	100 °C Water.
<b>Flash Point:</b>	Aqueous emulsion does not flash.
<b>Flammability:</b>	No data available.
<b>Flammability Limit - Upper (%):</b>	No data available.
<b>Flammability Limit - Lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Relative vapor density:</b>	No data available.
<b>Evaporation Rate:</b>	No data available.
<b>Density:</b>	Approximate 0.997 kg/dm <sup>3</sup> (20 °C)
<b>Solubility(ies):</b>	
<b>Solubility in Water:</b>	Soluble
<b>Solubility (other):</b>	Acetone: Soluble Alcohols.: Soluble

<b>Partition coefficient (n-octanol/water):</b>	Diethylether: Insoluble
<b>Self Ignition Temperature:</b>	Aliphatic hydrocarbons: Insoluble
<b>Decomposition Temperature:</b>	Aromatic hydrocarbons: Insoluble
<b>Kinematic viscosity:</b>	Chlorinated solvents: Insoluble
<b>Particle characteristics:</b>	No data available.
	No data available.
	No data available.
	No data available.
	Not applicable.

## 9.2 Other information:

<b>Dynamic viscosity:</b>	< 500 mPa.s
<b>Oxidizing properties:</b>	According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship)

## 10. Stability and reactivity

### 10.1 Reactivity:

No other information noted.

### 10.2 Chemical Stability:

Material is stable under normal conditions.

### 10.3 Possibility of hazardous reactions:

This product may generate hydrogen gas.

### 10.4 Conditions to avoid:

None known.

### 10.5 Incompatible Materials:

A fire or explosion hazard arises because highly flammable gas (hydrogen) is released when this product is in contact with : Strong oxidizers, strong bases and chemical compounds with mobile hydrogen, in the presence of metal salts and complexes.

### 10.6 Hazardous Decomposition Products:

Thermal decomposition or combustion may liberate carbon oxides, other toxic gases or vapors and amorphous silica.

Quantity of hydrogen potentially released (l/kg of product): <0,25

## 11. Toxicological information

### Information on likely routes of exposure:

**Inhalation:** No data available.

**Ingestion:** No data available.

**Skin contact:** No data available.

**Eye contact:** No data available.

### 11.1 Information on toxicological effects:

**Acute toxicity:**

**Oral:**

Not classified for acute toxicity based on available data.

**Dermal:**

Not classified for acute toxicity based on available data.

**Inhalation:**

Not classified for acute toxicity based on available data.

**Repeated dose toxicity:**

No data available.

**Skin Corrosion/Irritation:**

**Based on our knowledge of the composition information:**

*ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED (78330-21-9):*

Not irritating Results obtained on a similar product.

**Serious Eye Damage/Eye Irritation:**

**Based on our knowledge of the composition information: Causes eye irritation.**

*ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED (78330-21-9):*

Causes serious eye damage. Results obtained on a similar product.

**Respiratory or Skin Sensitization:**

**Based on our knowledge of the composition information:**

*ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED (78330-21-9):*

Skin sensitization: Not a skin sensitizer. ; Results obtained on a similar product.

**Germ Cell Mutagenicity:**

**In vitro:** No data available.

**In vivo:** No data available.

**Carcinogenicity:**

No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogens present or none present in regulated quantities.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogens present or none present in regulated quantities.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

No carcinogens present or none present in regulated quantities.

**Reproductive toxicity:**

**Fertility:** No data available.

**Teratogenicity:** No data available.

**Specific Target Organ Toxicity - Single Exposure:**

No data available.

**Specific Target Organ Toxicity - Repeated Exposure:**

No data available.

**Aspiration Hazard:**

No data available.

## 12. Ecological information

### 12.1 Toxicity:

**Acute toxicity:**

**Fish:** No data available.

**Aquatic Invertebrates:** No data available.

**Aquatic plants:** No data available.

**Toxicity to microorganisms:** No data available.

**Chronic Toxicity:**

**Fish:** No data available.

**Aquatic Invertebrates:** No data available.

### 12.2 Persistence and Degradability:

**Biodegradation: Based on our knowledge of the composition information:**

*ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED (78330-21-9):*

The substance fulfills the criteria for ultimate aerobic biodegradability and ready biodegradability. Results obtained on a similar product.

**BOD/COD Ratio:** No data available.

### 12.3 Bioaccumulative potential:

**Bioconcentration Factor (BCF): Based on our knowledge of the composition information:**

*ALCOHOLS, C11-14-ISO-, C13-RICH, ETHOXYLATED (78330-21-9):*

The product is not considered to have a bioaccumulative potential. Results obtained on a similar product.

**Partition coefficient (n-octanol/water):** No data available.

### 12.4 Mobility in soil:

No data available.

### 12.5 Other adverse effects:

No data available.

## 13. Disposal considerations

### 13.1 Waste treatment methods:

**Disposal methods:**

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Waste of this material should not be mixed with other waste.

**Contaminated Packaging:**

Contaminated packages should be as empty as possible.

## 14. Transport information

**DOT**

Not regulated.

**IMDG / IMO**

Not regulated.

**IATA**

Not regulated.

## 15. Regulatory information

**US Federal Regulations:**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):** None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA):**

**Hazard categories:**

Serious Eye Damage/Eye Irritation

**SARA 304 Emergency Release Notification:** None present or none present in regulated quantities.

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required:** None present or none present in regulated quantities.

**US State Regulations:**

**US. California Proposition 65:**



This product can expose you to chemicals including: Toluene (<0.06%): which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**US. New Jersey Worker and Community Right-to-Know Act:** No ingredient regulated by NJ Right-to-Know Law present.

**US. Massachusetts RTK - Substance List:** No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances:** No ingredient regulated by PA Right-to-Know Law present.

**US. Rhode Island RTK:** No ingredient regulated by RI Right-to-Know Law present.

**Inventory Status:**

Canada NDSL Inventory:

On or in compliance with the inventory.

China Inv. Existing Chemical Substances:

On or in compliance with the inventory.

Korea Existing Chemicals Inv. (KECI):

On or in compliance with the inventory.

Philippines PICCS:

On or in compliance with the inventory.



Taiwan Chemical Substance Inventory:  
 US TSCA Inventory:  
 EINECS, ELINCS or NLP:

On or in compliance with the inventory.  
 On or in compliance with the inventory.  
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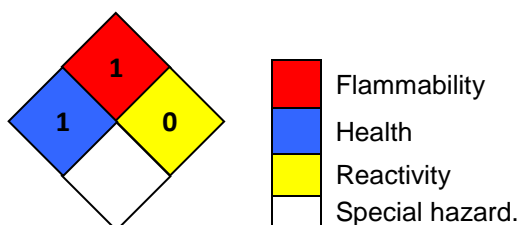
## 16. Other information, including date of preparation or last revision

### HMIS Hazard ID:

<b>Health</b>	1
<b>Flammability</b>	1
<b>Physical Hazards</b>	0
<b>PERSONAL PROTECTION</b>	B

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect  
 B - Safety Glasses & Gloves

### NFPA Hazard ID:



Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

Issue Date: 08/25/2021

Version #: 4.0

### Further Information:

No data available.

### Disclaimer:

The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.