



SAFETY DATA SHEET

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

Product identifier:

Product name: BLUESIL EMUL 872

Synonyms, Trade Names: RHODORSIL EMULSION
872

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

Identified uses: Mould releasing agent. Lubricant

Uses advised against: None known.

Details of the supplier of the safety data sheet:**Supplier:**

BLUESTAR SILICONES France S.A.S
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SECTION 2: Hazards identification

Classification of the substance or mixture:

The product has not been classified as hazardous according to the legislation in force.

Hazard summary:

Physical hazards: Material will burn if water evaporates from emulsion, and it is heated above its flash point.

Health hazards:

Inhalation: No specific symptoms noted.

Eye contact: May be slightly irritating to skin and eyes.

Skin contact: May be slightly irritating to skin and eyes.

Ingestion: No specific symptoms noted.

Other Health Effects: No other information noted.

Environmental hazards: Not regarded as dangerous for the environment.

Label elements:

Safety data sheet available for professional user on request.

Other hazards: No data available.

SECTION 3: Composition/information on ingredients

Mixtures:**General information:** Aqueous emulsion of Polyorganosiloxanes.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	Notes
Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-	<5%	24938-91-8			

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

This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Classification:

Chemical name	Classification	Notes
Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-	DPD: Xi; R41 Xn; R22	

DPD: Directive 67/548/EEC.

CLP: Regulation No. 1272/2008.:

The full text for all R/H-phrases is displayed in section 16.

SECTION 4: First aid measures**General:** Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.**Description of first aid measures:****Inhalation:** Not relevant.**Eye contact:** In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.**Skin contact:** Remove contaminated clothing and shoes. Wash with soap and water.**Ingestion:** Do not induce vomiting. Rinse mouth thoroughly.**Most important symptoms and effects, both acute and delayed:** None known.**Indication of any immediate medical attention and special treatment needed:****Hazards:** No specific recommendations.**Treatment:** No specific recommendations.**SECTION 5: Firefighting measures****General fire hazards:** No specific recommendations.**Extinguishing media:****Suitable extinguishing media:** Extinguish with foam, carbon dioxide or dry powder.**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.**Special hazards arising from the substance or mixture:** Material will burn if water evaporates from emulsion, and it is heated above its flash point. For further information, refer to section 10: "Stability and Reactivity".**Advice for firefighters:****Special Fire Fighting Procedures:** Water spray should be used to cool containers.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. See Section 8 of the MSDS for Personal Protective Equipment.

Environmental precautions: Collect spillage. Do not discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up: Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Container must be kept tightly closed. Absorb with sand or other inert absorbent. To clean the floor and all objects contaminated by this material, use an appropriate solvent.(cf. : § 9) Flush area with plenty of water. Incinerate in suitable combustion chamber.

Notification Procedures: Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the MSDS.

SECTION 7: Handling and storage:

Precautions for safe handling: Use appropriate container to avoid environmental contamination. Avoid forming spray/aerosol mists. Adequate ventilation should be provided so that exposure limits are not exceeded.

Conditions for safe storage, including any incompatibilities: Avoid discharge into drains, water courses or onto the ground. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Store above freezing. Store in closed original container at temperatures between 5°C and 30°C. Suitable containers: polyethylene. Steel drums coated with epoxy-resin.

Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection

Control parameters:

Occupational exposure limits: None of the components have assigned exposure limits.

Exposure controls:

Appropriate engineering controls: Provide adequate ventilation. Avoid inhalation of vapors and spray mists.

Individual protection measures, such as personal protective equipment:

General information: Provide sufficient ventilation during operations which cause vapor formation.

Eye/face protection: Safety Glasses

Skin protection:

Hand protection: Use protective gloves made of: Nitrile. Polyvinyl chloride (PVC).

Other: It is a good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing.

Respiratory Protection: If ventilation is insufficient, suitable respiratory protection must be provided.

Hygiene measures: Provide eyewash station and safety shower.

Environmental Controls: No data available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties:

Appearance:

Physical State:	Liquid
Form:	Viscous.
Color:	Milky white
Odor:	Faint
Odor Threshold:	No data available.
pH:	7 Product as is.
Freezing point:	0 °C Water.
Boiling Point:	100 °C Water.
Flash Point:	Not applicable Aqueous liquid for which the organic components have flash point > 100 °C.
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%)–:	No data available.
Flammability Limit - Lower (%)–:	No data available.
Vapor pressure:	23 hPa (20 °C)
Vapor density (air=1):	No data available.
Relative density:	0,98 (20 °C) Approximate
Solubility(ies):	
Solubility in Water:	Dispersible
Solubility (other):	Common organic solvents.: Insoluble
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship)

SECTION 10: Stability and reactivity

Reactivity:	No other information noted.
Chemical stability:	Stable
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	No other information noted.
Incompatible materials:	Strong oxidizing agents. Water reactive material.
Hazardous decomposition products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica. Nitrogen Oxides.

SECTION 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.

Information on toxicological effects:

Acute Toxicity:

Oral:

Product: No data available.

Specified substance(s):

Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-

No data available.

Dermal:

Product: No data available.

Specified substance(s):

Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-

No data available.

Inhalation:

Product: No data available.

Specified substance(s):

Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-

No data available.

Repeated dose toxicity:

Product: No data available.

Specified substance(s):

Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-

No data available.

Skin corrosion/irritation:

Product: No data available.

Specified substance(s):

Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-

No data available.

Serious eye damage/eye irritation:

Product: No data available.

Specified substance(s):

Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-

No data available.

Respiratory or skin sensitization:

Product: No data available.

Specified substance(s):

Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-

No data available.

Germ cell mutagenicity:**In vitro:****Product:** No data available.**Specified substance(s):**Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- No data available.**In vivo:****Product:** No data available.**Specified substance(s):**Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- No data available.**Carcinogenicity:****Product:** No data available.**Specified substance(s):**Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- No data available.**Reproductive toxicity:****Product:** No data available.**Specified substance(s):**Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- No data available.**Specific target organ toxicity - single exposure:****Product:** No data available.**Specified substance(s):**Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- No data available.**Specific target organ toxicity - repeated exposure:****Product:** No data available.**Specified substance(s):**Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- No data available.**Aspiration hazard:****Product:** No data available.**Specified substance(s):**Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy- No data available.**Other adverse effects:****SECTION 12: Ecological information****Toxicity:****Acute toxicity:****Fish:****Product:** LC 50 (Zebra Fish, 96 h): > 100 mg/l Mortality**Aquatic invertebrates:****Product:** EC50 (Water flea (Daphnia magna), 48 h): > 100 mg/l Mortality**Chronic Toxicity:****Fish:****Product:** No data available.

Specified substance(s): Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-	No data available.
Aquatic invertebrates:	
Product:	No data available.
Specified substance(s): Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-	No data available.
Toxicity to Aquatic Plants:	
Product:	EC50 (Alga, 72 h): > 100 mg/l
Persistence and degradability:	
Biodegradation:	
Product:	No data available.
Specified substance(s): Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-	Expected to be readily biodegradable.
BOD/COD ratio:	
Product:	No data available.
Specified substance(s): Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-	No data available.
Bioaccumulative potential:	
Product:	No data available.
Specified substance(s): Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-	The product is not bioaccumulating.
Mobility in soil:	No data available.
Known or predicted distribution to environmental compartments:	
Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-	No data available.
Results of PBT and vPvB assessment:	No data available.
Poly(oxy-1,2-ethanediyl), α -tridecyl- ω -hydroxy-	No data available.
Other adverse effects:	No data available.

SECTION 13: Disposal considerations

Waste treatment methods:

General information: The user's attention is drawn to the possible existence of local regulations regarding disposal.

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. Incinerate.

Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

European Waste Codes:**SECTION 14: Transport information**

This material is not subject to transport regulations.

Environmental hazards: Not regulated.

Special precautions for user: No special precautions.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

National Regulations:**INRS, Maladies professionnelles, Tableau des maladies professionnelles**

Inscrit: 65
A

INRS, maladies professionnelles, table of work-related illnesses

Listed: 65
A

Chemical safety assessment: No data available.

SECTION 16: Other information

Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Wording of the R-phrases and H-statements in section 2 and 3:

R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.

Training information: No data available.

Inventory Status

Australia AICS:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
EU EINECS List:	On or in compliance with the inventory
Japan (ENCS) List:	Not 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
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	On or in compliance with the inventory

Issue Date: 20.07.2011

SDS No:

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.