

SAFETY DATA SHEET

FGSE35-2017 NPF Food Grade Silicone Emulsion



Data Prepared: January 4th, 2017

SECTION 1: Product and company identification

Product name : FGSE35-2017 NPF Food Grade Silicone Emulsion

Product code : FGSE35-2017

Manufacturer or supplier details

Company name of supplier : Clearco Products Co Inc.

Address : 15 York Road
Willow Grove, PA 19090

Telephone : 215-366-7860

Emergency Telephone : CHEM TEL: 1-800-255-3924 (DOMESTIC)
+01-813-248-0585 (INTERNATIONAL)

SECTION 2: Hazards identification

Classification of the substance or mixture : SERIOUS EYE DAMAGE/EYE IRRITATION- Category 2A

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements: P280- Wear eye protection, face protection
P302+P352-If on skin: Wash with plenty of water
P305+P351+P338- If IN EYES Rinse cautiously with water for several minutes.
Remove contact lenses. If present and easy to do. Continue rinsing.
P501-Dipose in a safe mannter in accordance with local/national regulations.

Other hazards

Other hazards not contributing to the classification : May be irritating to eyes

Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

Substance/ Mixture : Mixture
Chemical name : Polydimethylsiloxane Emulsion

Hazardous ingredients	% by weight	CAS number	Classification (GHS-US)
SECONDARY ALCOHOL ETHOXYLATE	1-5	84133-50-6	Eye Irrit. 2A, H319

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

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

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel well, seek medical advice (show the label where possible).

First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Wash skin with mild soap and water. Wash contaminated clothing before reuse. If skin irritation occurs. Get medical advice/attention.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : If swallowed, rinse mouth with water (only if the person is conscious). Do NOT induce vomiting unless directed to do so by medical personnel.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : No information available

Symptoms/injuries after skin contact : May cause skin irritation

Symptoms/injuries after eye contact : May cause eye irritation

Symptoms/injuries after ingestion : Like any product not designed to be ingested, this product may cause stomach distress if ingested in large quantities.

Indication of any immediate medical attention and special treatment needed

All treatments should be based on observed signs and symptoms of distress in the patient.

SECTION 5: Fire-fighting measures**Extinguishing media**

Suitable extinguishing media : Not combustible. If there is a fire close by, use suitable extinguishing agents. Carbon dioxide (CO₂), powder, alcohol-resistant foam, water fog.

Unsuitable extinguishing media : None known.

Special hazards arising from the substance or mixture

Fire hazard : The product itself does not burn.

Explosion hazard : Product is not explosive

Reactivity : Normally stable, even under fire exposure conditions, and not reactive with water.

Advice for firefighters

Firefighting instructions : Use extinguishing media appropriate for surrounding fire. Exercise caution when fighting chemical fire.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant, retardant clothing. Use self container breathing apparatus.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment : Wear water-proof gloves. Avoid contact with skin and eyes.

Emergency procedures : Avoid all unnecessary exposure. Ventilate area. Stop leak, if possible without risk. Take up small spills with dry chemical absorbent.

For emergency responders

Protective equipment : Avoid all eye and skin contact and do not breathe vapor and mist. Chemical goggles or face shield with safety glasses. Wear suitable gloves.

Emergency procedures : Stop leak, if possible without risk. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Impound and recover large spill by mixing it with inert granular solids.

Environmental precautions

Do not discharge into drains or the environment. Contains no substances known to be hazardous to the environment.

Methods and material for containment and cleaning up

For containment : Do not allow minor leaks or spills to accumulate on walking surfaces. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods of cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Impound and recover large spill by mixing it with inert granular solids.

Reference to other sections

Section 7: safe handling
Section 8: personal protective equipment
Section 13: disposal information

SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling : Avoid eye contact with skin and eyes. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking when leaving work.

Hygiene measures : Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Conditions for safe storage, including any incompatibilities

Storage conditions : Store in original container. Keep container tightly closed.
 Incompatible materials : Strong oxidizers.

Specific end use(s)

Release agent

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

Secondary alcohol ethoxylate, (CAS No) 84133-50-6	
ACGIH	No data available
OSHA	No data available

Exposure controls

Appropriate engineering controls : Avoid splashing. Either local exhaust or general room ventilation is usually required.
 Hand protection : It is a good industrial hygiene practice to minimize skin contact. In case of repeated or prolonged contact wear waterproof gloves.
 Eye protection : Safety glasses. Use splash goggles when eye contact due to splashing is possible
 Skin and body protection : Wear suitable protecting clothing
 Respiratory protection : May be irritating to the respiratory system. In case of inadequate ventilation wear respiratory protection.

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

Physical state : Liquid
 Appearance : White liquid
 Color : White
 Odor : Characteristic
 Odor threshold : No data available
 pH : 8
 Melting point : 32°F
 Freezing point : 32°F
 Boiling point : 212°F
 Flash point : None to boiling
 Relative evaporation rate (water=1) : 1
 Flammability (solid, gas) : Not applicable
 Explosion limits : Not applicable
 Explosive properties : Product is not explosive
 Oxidizing properties : No oxidizing properties
 Vapor pressure : Not applicable
 Relative density : 0.99
 Relative vapor density at 20°C : Not applicable
 Solubility : Soluble in water
 Log Pow : No data available
 Log Kow : Not applicable
 Auto-ignition temperature : Not applicable
 Decomposition temperature : No data available
 Viscosity : No data available
 Viscosity, kinematic : No data available
 Viscosity, dynamic : <200 cPs

Other information

No additional information available

SECTION 10: Stability and reactivity**Reactivity**

Normally stable, even under fire exposure conditions, and not reactive with water.

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid contact with incompatible materials, excessive heat or cold.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Thermal decomposition generates; Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information**Information on toxicological effects**

Likely routes of exposure : Dermal, Inhalation

Acute toxicity : Not classified. (Based on available data, the classification criteria are not met)

Secondary alcohol ethoxylate, (CAS No) 84133-50-6	
LD50 oral rat	No data available
LD50 dermal rat	No data available

Skin corrosion/irritation : Not classified. (Based on available data, the classification criteria are not met)

Serious eye damage/irritation : Not classified. (Based on available data, the classification criteria are not met)

Respiratory or skin sensitization : May cause an allergic skin reaction

Germ cell mutagenicity : Not classified. (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified. (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified. (Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure) : Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity (repeated exposure) : Not classified (Based on available data, the classification criteria are not met)

FGSE35-2017	
NOAEL(oral, rat, 90 days)	No data available

Aspiration hazard : Not classified. (Based on available data, the classification criteria are not met)

Symptoms/injuries after inhalation : May cause respiratory irritation
Symptoms/injuries after skin contact : May cause an allergic reaction

SECTION 12: Ecological information**Toxicity**

Secondary alcohol ethoxylate, (CAS No) 84133-50-6	
LC50 fish 1	No data available

Persistence and degradability

FGSE35-2017	
Persistence and degradability	No data available

Secondary alcohol ethoxylate, (CAS No) 84133-50-6	
Persistence and degradability	No data available

Bioaccumulative potential

FGSE35-2017	
Log Kow	Not applicable
Bioaccumulative potential	Not established.

Secondary alcohol ethoxylate, (CAS No) 84133-50-6	
Bioaccumulative potential	Not expected to bioaccumulate

Mobility in soil

No additional information available

Other adverse effects

Effect on ozone layer : None known
Effect on global warming : None known

SECTION 13: Disposal considerations**Waste treatment methods**

Regional legislation (waste) : Disposal must be done according to official regulations.
Sewage disposal recommendations : Do not dispose of waste into sewer.
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information**Department of Transportation (DOT)**

In accordance with DOT
Not considered a dangerous good for transport regulations

Additional information**ADR**

No additional information

Transport by sea

No additional information

Air transport

No additional information available

SECTION 15: Regulatory information**U.S. Federal regulations**

Secondary alcohol ethoxylate, (CAS No) 84133-50-6	
Listed on the United States TSCA (Toxic Substances Control Act) Inventory	
EPA TSCA Regulatory Flag	XU-XU- indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e., Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

International regulations**CANADA**

FGSE35-2017	
WHMIS Classification	This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR Class D Division 2 Subdivision B- Toxic material causing other toxic effects

EU-Regulations**Classification according to Regulation (EC) No. 1272/2007 (CLP)**

Eye Irritation H319

Full text of H-phrases: see section 16

National regulations

No additional information available

US State regulations

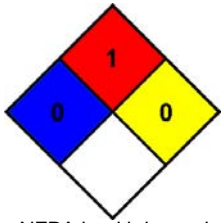
No included in State Right-to-Know Hazardous Chemical Lists

SECTION 16: Other information

Indication of changes	: Original document
Data sources	: European Chemical Agency (ECHA) Registered Substance list. Accessed at http://echa.europa.eu/ . Organisation for Economic Co-operation and Development. TSCA Chemical Substance Inventory. Accessed at http://www.epa.gov/oppt/existingchemicals/pbs/tscainventory/photo.html .
Abbreviations and acronyms	: ACGIH (American Conference of Governmental Industrial Hygienists) CAS: (Chemical Abstracts Service) number GHS: (Global Harmonized System (of Classification and Labeling of Chemicals OSHA: Occupational Safety & Health Administration TSCA: Toxic Substances Control Act.

Full text of H-phrases:

Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
H319	Causes serious eye irritation



NFPA health hazard

NFPA fire hazard

NFPA reactivity

: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.

: 1 - Materials will burn once water is gone.

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

Further Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.