

## Safety Data Sheet

PRODUCT CODE: **KCM012L**

Effective Date: December-2023

Version: 3.0

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

**Dispersant: KCM012L**

Company/undertaking identification:

OPT Chemicals Saudi Factory and Co.  
Dammam 2<sup>nd</sup> Industrial City, 6<sup>th</sup> Street, 101 Intersection,  
Postal code 34334, Kingdom of Saudi Arabia.  
+966 56 917 2181

Emergency phone:

### 2. HAZARDS IDENTIFICATION

Main environment hazards:

None known.

Main physical hazards:

None

Special precautions:

None

Main Health hazards:

Can cause irritation to the eyes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Conc. [wt.%]	CAS#
Acetone Formaldehyde Resin	40 - 60	488-69-7

### 4. FIRST AID MEASURES

Eye contact:

Immediately flush eyes with water for 15minutes while holding eyelids open. Seek medical attention at once.

Skin contact:

Immediately remove contaminated clothes and shoes. Wash with soap and water for 15 minutes. Seek medical attention.

Inhalation:

Remove to fresh air.

Swallowing:

DO NOT induce vomiting. Give 2 glasses of milk (preferred) or water and seek medical attention at once.

### 5. FIRE-FIGHTING MEASURES

Flammable properties:

Flash point:

&gt;93°C

Autoignition temperature:

Not available

Flammable limits:

LFL:

Not applicable

UFL:

Not applicable

Extinguishing media:

Small fire:

Using DRY chemical powder.

Large fire:

Using water spray, fog or foam, do not use water jet.

Explosion hazards:

Not applicable

NFPA Rating:

Health 0; Flammability 0; Reactivity 0; Other: None.

### 6. ACCIDENTAL RELEASE MEASURES

Small spill:

Prevent product from entering drinking water, waterways or streams. Sweep up and place in a closed container for disposal.

Large spill:

Evacuate area of nonessential personnel. Use safety glasses and gloves. Scoop or shovel spilled solids into container. Avoid creating dust. Prevent spilled product or contaminated wash water from entering drinking water or streams.

## **7. HANDLING AND STORAGE**

Special precautions:

Keep container dry. Keep in a cool, well-ventilated place. Store away from sources of ignition. Keep the container tightly closed.

Handling with care and avoid unnecessary personal contact. Wash thoroughly after handling.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory protection:

None normally required.

Eye protection:

Chemical splash goggles.

Hand protection:

Rubber gloves.

Skin protection:

Clean, body covering clothing.

### **EXPOSURE GUIDELINES**

Ingredients:

Acetone Formaldehyde Resin.

Exposure Limit (USA)

N/A

OEL Europe

N/A

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:

Brownish liquid

Color:

Brown

Odor:

Mild

Vapor Pressure:

Not applicable

pH:

7.5-9.0 (1% solution)

Relative density (specific gravity):

1.20-1.30

Ignition temperature:

Not available

Explosion limits:

Not available

Lower:

Not available

Upper:

Not available

Boiling point:

Not available

Freezing point:

Not available

Flash point:

Not available

Melting point:

Not applicable

Viscosity:

<100 mPa·s

## **10. STABILITY AND REACTIVITY**

Stability:

Stable under normal conditions of storage and handling.

Instability temperature:

Not available

Conditions of Instability:

Not available

Materials to avoid:

Avoid strong oxidizing agents.

Corrosivity:

Not available

Special remarks on reactivity:

Not available

Hazardous polymerization:

Will not occur

Dust explosion hazard (solids):

None

## **11. TOXICOLOGICAL INFORMATION**

Routes of Entry:

Eye contact, ingestion

Acute toxicity data:

Toxicity to Animals:

2000 mg/kg [Rat]

Special remarks on toxicity to Animals:

Not available

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Acute Effects:	
Eye contact:	May cause irritation.
Skin contact:	No effect expected.
Sensitization:	This material is not expected to be a skin sensitizer. This material is not expected to be a skin absorption hazard.
Inhalation:	No significant effects are expected.
Ingestion:	No effects expected.
Remarks:	Not available
Carcinogenicity/ Mutagenicity:	This product is not considered to be a human or animal carcinogen.
Teratogenicity/Reproductive Toxicity:	This product is not known to cause teratogenicity or reproductive toxicity.

## **12. ECOLOGICAL INFORMATION**

Ecotoxicity:	Not available
Biodegradability:	Not available
Special Remarks on the Products of Biodegradation:	Not available

## **13. DISPOSAL CONSIDERATIONS**

Waste information:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste stream:	Not available

## **14. TRANSPORT INFORMATION**

The preparation is not classified as dangerous goods	
Proper shipping name:	None
Hazard class:	N/A
Packing group:	N/A
Identification number:	Not regulated

## **15. REGULATORY INFORMATION**

European Labeling in Accordance with EC Directives	
Hazard symbols:	-
Risk phrases:	This product is not classified according to the EU regulations.
Safety phrases:	No specific safety phrase has been found applicable for this product.
US Regulations	All ingredients are on the TSCA inventory.
TSCA:	All ingredients are on the TSCA inventory.

## **16. OTHER INFORMATION**

### **REGULATORY INFORMATION**

This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. No representations or warranties, either expressed or implied, of merchant ability, fitness for a particular purpose, or of any other nature, are made with respect to the product or the information and recommendations. We make no representation as to completeness or accuracy. In no event we shall be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

\*\*\* END of SDS\*\*\*

## Safety Data Sheet

PRODUCT CODE: **KCM018A**

Effective Date: December-2023

Version: 3.0

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

**Latex Stabilizer: KCM018A**

Company/undertaking identification:

OPT Chemicals Saudi Factory and Co.  
Dammam 2<sup>nd</sup> Industrial City, 6<sup>th</sup> Street, 101 Intersection,  
Postal code 34334, Kingdom of Saudi Arabia.  
+966 56 917 2181

Emergency phone:

### 2. HAZARDS IDENTIFICATION

Main environmental hazards:

None known

Main physical hazards:

None

Special precautions:

None

Physical hazard:

None

Main health hazards:

may be mildly irritating to eyes or if swallowed.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Conc. [wt.%]	CAS#
Nonionic Surfactant	30-50	64422-66-8
Water	50-70	7732-18-5

### 4. FIRST AID MEASURES

Eye contact:

Immediately flush eyes with water for 15 minutes while holding eyelids open. Seek medical attention at once.

Skin contact:

Rinse with water.

Inhalation:

Remove to fresh air.

Swallowing:

Rinse mouth with water, seek medical attention if irritating.

### 5. FIRE-FIGHTING MEASURES

Flammable properties:

Flash point:

&gt;100°C

Autoignition temperature:

Not available

Flammable limits:

LFL:

Not applicable

UFL:

Not applicable

Extinguishing media:

Small fire:

Using DRY chemical powder.

Large fire:

Using water spray, fog or foam, do not use water jet.

NFPA Rating:

Health 1; Flammability 0; Reactivity 0; Other: None.

### 6. ACCIDENTAL RELEASE MEASURES

Small spill:

Prevent product from entering drinking water, waterways or streams. Sweep up and place in a closed container for disposal. Soak residue with inert absorbant.

Large spill:

Evacuate area of nonessential personnel. Contain spill with dikes and put into drums for proper disposal.

### 7. HANDLING AND STORAGE

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Special precautions: No special precautions required. Contain in HDPE plastic drums. Handling with care and avoid unnecessary personal contact. Wash thoroughly after handling.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory protection: None normally required.  
Eye protection: Chemical splash goggles.  
Hand protection: Rubber gloves  
Skin protection: Clean and chemical resistant apron.  
EXPOSURE GUIDELINES  
Ingredients Nonionic surfactant  
Exposure Limit (USA) N/A  
OEL Europe N/A

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Clear yellow liquid  
Color: Clear yellow  
Odor: Mild  
pH value: 7-9 (1% solution)  
Relative density (specific gravity): 1.02-1.12  
Ignition temperature: Not available  
Explosion limits: Not determined  
Lower: Not available  
Upper: Not available  
Boiling point: >100°C  
Freezing point: 0°C  
Flash point: Not combustible  
Melting point: Not applicable  
Viscosity: <100 mPa · s

## **10. STABILITY AND REACTIVITY**

Stability: Stable under normal conditions of storage and handling.  
Instability temperature: Not available  
Conditions of Instability: Not available  
Materials to avoid: Avoid strong acids and oxidizing agents.  
Corrosivity: Not available  
Special remarks on reactivity: Not available  
Hazardous polymerization: Will not occur  
Dust explosion hazard (solids): None

## **11. TOXICOLOGICAL INFORMATION**

Routes of Entry: Eye contact, ingestion.  
Acute toxicity data:  
Toxicity to Animals: 2000 mg/kg [Rat]  
Special remarks on toxicity to Animals: Not available  
Acute Effects:  
Eye contact: May cause irritation.  
Skin contact: No effect expected.  
Sensitization: This material is not expected to be a skin sensitizer. This

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Inhalation:	material is not expected to be a skin absorption hazard. No effects expected.
Ingestion:	No significant effects are expected.
Carcinogenicity/ Mutagenicity:	This product is not considered to be a human or animal carcinogen.
Teratogenicity/Reproductive Toxicity:	This product is not known to cause teratogenicity or reproductive toxicity.

## **12. ECOLOGICAL INFORMATION**

Ecotoxicity:	Not available
Biodegradability:	Not available
Special Remarks on the Products of Biodegradation:	Not available

## **13. DISPOSAL CONSIDERATIONS**

Waste information:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste stream:	Not available

## **14. TRANSPORT INFORMATION**

The preparation is not classified as dangerous goods	
Proper shipping name:	None
Hazard class:	N/A
Packing group:	N/A
Identification number:	Not regulated

## **15. REGULATORY INFORMATION**

European Labeling in Accordance with EC Directives	
Hazard symbols:	-
Risk phrases:	This product is not classified according to the EU regulations.
Safety phrases:	No specific safety phrase has been found applicable for this product.
US Regulations	
TSCA:	All ingredients are on the TSCA inventory.

## **16. OTHER INFORMATION**

### **REGULATORY INFORMATION**

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\*\*\* END of SDS\*\*\*

## Safety Data Sheet

PRODUCT CODE: **KCM026A**

Effective Date: December-2023

Version: 3.0

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

**High Temperature Retarder: KCM026A**

Company/undertaking identification:

OPT Chemicals Saudi Factory and Co.  
Dammam 2<sup>nd</sup> Industrial City, 6<sup>th</sup> Street, 101 Intersection,  
Postal code 34334, Kingdom of Saudi Arabia.  
+966 56 917 2181

Emergency phone:

### 2. HAZARDS IDENTIFICATION

Emergency overview:

Main environment hazards: None known

Main physical hazards: None

Special precautions: None

Main Health hazards: May be mildly irritating to eyes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Conc. [wt.%]	CAS#
Sodium Salt of Organic Acid	10-20	-
Aromatic Polymer	10-40	-
Water	40-60	7732-18-5

### 4. FIRST AID MEASURES

Eye contact:	Rinse with water for 5 minutes, seek medical attention if irritating occurs.
Skin contact:	Rinse with water.
Inhalation:	Remove to fresh air.
Swallowing:	Rinse mouth with water, seek medical attention if irritating.

### 5. FIRE-FIGHTING MEASURES

Flammable properties:	
Flash point:	>100°C
Auto-ignition temperature:	Not determined
Flammable limits:	
LFL:	Not applicable
UFL:	Not applicable
Extinguishing media:	
Small fire:	Using DRY chemical powder.
Large fire:	Using water spray, fog or foam, do not use water jet. Wear proper PPE to avoid breathing vapors.
NFPA Rating:	Health 0; Flammability 0; Reactivity 0; Other: None.

### 6. ACCIDENTAL RELEASE MEASURES

Small spill:	Sweep up and place in a closed container for disposal.
Large spill:	Contain spill with dikes and put into drums for proper disposal. Flush residue with plenty of water.

### 7. HANDLING AND STORAGE

Special precautions: Contain in HDPE plastic drums. No special precaution required.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory protection: None normally required.  
Eye protection: Chemical splash goggles.  
Hand protection: Rubber gloves.  
Skin protection: Clean and chemical resistant apron.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Brownish liquid  
Color: Brown  
Odor: Mild  
Vapor Pressure: Same as water.  
pH value: 10 -12  
Relative density (specific gravity): 1.05-1.15  
Ignition temperature: Not available  
Explosion limits: Not determined  
Lower: Not available  
Upper: Not available  
Boiling point: >100°C  
Freezing point: Not determined  
Flash point: >100°C

## **10. STABILITY AND REACTIVITY**

Stability: Stable under normal conditions of storage and handling.  
Instability temperature: Not available  
Conditions of Instability: Not available  
Materials to avoid: Avoid strong oxidizing agents.  
Corrosivity: Not available  
Special remarks on reactivity: Not available  
Hazardous polymerization: Will not occur  
Dust explosion hazard (solids): None

## **11. TOXICOLOGICAL INFORMATION**

Routes of Entry: Eye contact, ingestion.  
Acute toxicity data:  
Toxicity to Animals: Not available  
Special remarks on toxicity to Animals: Not available  
Acute Effects:  
Eye contact: May be mildly irritating.  
Skin contact: No effect expected.  
Sensitization: No effect expected.  
Ingestion: No significant effects are expected.  
Inhalation: No effects expected.  
Remarks: Not available.  
Carcinogenicity /Mutagenicity: This product is not considered to be a human or animal carcinogen.  
Teratogenicity/Reproductive Toxicity: This product is not known to cause teratogenicity or

reproductive toxicity.

## **12. ECOLOGICAL INFORMATION**

Eco-toxicity: Not available  
Biodegradability: Partially biodegradable  
Special Remarks on the Products of Biodegradation: Not available

## **13. DISPOSAL CONSIDERATIONS**

Waste information: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## **14. TRANSPORT INFORMATION**

The preparation is not classified as dangerous goods  
Proper shipping name: None  
Hazard class: N/A  
Packing group: N/A  
Identification number: Not regulated

## **15. REGULATORY INFORMATION**

European Labeling in Accordance with EC Directives

Hazard symbols: -  
Risk phrases: This product is not classified according to the EU regulations.  
Safety phrases: No specific safety phrase has been found applicable for this product.

US Regulations

TSCA: All ingredients are on the TSCA inventory.

## **16. OTHER INFORMATION**

### **REGULATORY INFORMATION**

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\*\*\* END of SDS\*\*\*

## Safety Data Sheet

PRODUCT CODE: **KCM027**

Effective Date: December-2023

Version: 3.0

### **1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

Identification of the substance or preparation:

**Anti-corrosion Agent: KCM027**

Company/undertaking identification:

OPT Chemicals Saudi Factory and Co.  
Dammam 2<sup>nd</sup> Industrial City, 6<sup>th</sup> Street, 101 Intersection,  
Postal code 34334, Kingdom of Saudi Arabia.  
+966 56 917 2181

Emergency phone:

### **2. HAZARDS IDENTIFICATION**

Main health hazards:

May cause mechanical discomfort to eyes.

Main environmental hazards:

None known.

Main physical hazards

Special precautions:

None

Physical hazard:

Dust

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Substance****Conc. [wt.%]****CAS#**

Aluminosilicate

90 - 100

12141-46-7

### **4. FIRST AID MEASURES**

Eye contact:

Rinse with water.

Skin contact:

Rinse with water.

Inhalation:

Remove to fresh air.

Swallowing:

Rinse with water, seek medical attention if irritation occurs.

### **5. FIRE-FIGHTING MEASURES**

Extinguishing media:

All media

Further information:

None known

Characteristics:

The product is not flammable or explosive.

Flash point:

Not applicable

Flammability limits in Air – Low limit (%):

Not applicable

Flammability limits in Air – high limit (%):

Not applicable

NFPA Rating:

Health 0; Flammability 0; Reactivity 0; Other: None.

### **6. ACCIDENTAL RELEASE MEASURES**

After spillage/leakage:

Scoop into containers.

Waste disposal:

See Section 13 for disposal information.

### **7. HANDLING AND STORAGE**

Special precautions:

Avoid generating dust.

Packaging requirements:

Plastic-lining paper bags or other industrial containers  
designed for powder materials.

Ventilation:

Provide good ventilation to keep airborne concentration below  
exposure limit.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Respiratory protection:	Use respirators for dust or mist protection.
Eye protection:	Chemical splash goggles.
Hand protection:	Impervious gloves made of rubber.
Skin protection:	Clean, body-covering clothing.
Exposure limit guidelines (mg/m <sup>3</sup> ):	about <10 mg/m <sup>3</sup>

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Form:	Solid powder
Color:	Gray
Odor:	None
pH value:	N/A
Boiling point:	Not determined
Pour point:	N/A
Flash point:	Not determined
Flammability (explosion limits in air):	The product is not flammable or explosive
Lower:	Not applicable
Upper:	Not applicable
Auto-flammability (auto-ignition temperature):	Not applicable
Vapor pressure:	Not determined
Relative density (specific gravity):	2.88-3.08
Solubility in water:	Not soluble
Viscosity:	Not available
Relative vapor density (air=1):	N/A

## **10. STABILITY AND REACTIVITY**

Stability:	Stable
Conditions to avoid:	Not determined
Materials to avoid:	Acids
Hazardous polymerization:	Will not occur.
Dust explosion hazard (solids):	Not applicable
Special hazards:	None
Hazardous decomposition products:	None

## **11. TOXICOLOGICAL INFORMATION**

Typical contact	Eye contact, inhalation, skin contact, swallowing.
Eye contact:	Irritant. It may cause discomfort, redness, or pain.
Skin contact:	Not expected
Inhalation:	Not expected
Mutagenicity:	Not known to cause heritable genetic damage.
Teratogenicity:	Not known to cause birth defects.
Target organs which may be affected:	None known
Sensitization:	Not known to cause allergic reaction.
Other:	None

## **12. ECOLOGICAL INFORMATION**

Information on product as a whole:	
Main environmental hazards:	None known
Degradability:	Not biodegradable
Other:	None known

**13. DISPOSAL CONSIDERATIONS**

Product: Deal with wastes according to the national or local requirements on environmental protection. The wastes may be received and treated by some waste landfill station.

**14. TRANSPORT INFORMATION**

The preparation is not classified as dangerous goods.  
Proper shipping name: None  
Hazard class: N/A  
Packing group: N/A  
Identification number: Not regulated.

**15. REGULATORY INFORMATION**

Safety advice: Exercise reasonable care and cleanliness.

**16. OTHER INFORMATION****REGULATORY INFORMATION**

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\*\*\* END of SDS\*\*\*

## Safety Data Sheet

PRODUCT CODE: **KCM028**

Effective Date: December-2023

Version: 3.0

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

**Flow-off Additive: KCM028**

Company/undertaking identification:

OPT Chemicals Saudi Factory and Co.  
Dammam 2<sup>nd</sup> Industrial City, 6<sup>th</sup> Street, 101 Intersection,  
Postal code 34334, Kingdom of Saudi Arabia.  
+966 56 917 2181

Emergency phone:

### 2. HAZARDS IDENTIFICATION

Emergency overview:

Main environment hazards: None known

Main physical hazards: None

Special precautions: None

Main Health hazards: None known

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	Conc. [wt.%]	CAS#
Aromatic Rubber	30-40	-
Solvent	20-30	64742-96-7
Water	20-30	7732-18-5

### 4. FIRST AID MEASURES

Eye contact:	Rinse with water.
Skin contact:	Rinse with water.
Inhalation:	Remove to fresh air.
Swallowing:	Rinse mouth with water, seek medical attention if irritating.

### 5. FIRE-FIGHTING MEASURES

Flammable properties:	
Flash point:	>100°C
Auto-ignition temperature:	Not determined
Flammable limits:	
LFL:	Not applicable
UFL:	Not applicable
Extinguishing media:	
Small fire	Using DRY chemical powder.
Large fire:	Using water spray, fog or foam, do not use water jet. Wear proper PPE to avoid breathing vapors.
NFPA Rating:	Health 0; Flammability 1; Reactivity 0; Other: None.

### 6. ACCIDENTAL RELEASE MEASURES

Small spill:	Prevent product from entering drinking water, waterways or streams. Sweep up and place in a closed container for disposal. Soak residue with inert absorbant.
Large spill:	Evacuate area of nonessential personnel. Contain spill with dikes and put into drums for proper disposal.

## **7. HANDLING AND STORAGE**

Special precautions:

Avoid freezing. Contain in HDPE plastic drums. Handling with care and avoid unnecessary personal contact.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory protection:

None normally required.

Eye protection:

Chemical splash goggles.

Hand protection:

Rubber gloves.

Skin protection:

Clean and chemical resistant clothing.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:

Liquid

Color:

White

Odor:

Mild

Vapor Pressure:

Same as water

pH value:

6-8

Relative density (specific gravity):

0.98-1.08

Ignition temperature:

Not available

Explosion limits:

Not determined

Lower:

Not available

Upper:

Not available

Boiling point:

>100°C

Freezing point:

0°C

Flash point:

>100°C

Viscosity:

<100 mPa • s

## **10. STABILITY AND REACTIVITY**

Stability:

Stable under normal conditions of storage and handling.

Instability temperature:

Not available

Conditions of Instability:

Not available

Materials to avoid:

Avoid strong oxidizing agents.

Corrosivity:

Not available

Special remarks on reactivity:

Not available

Hazardous polymerization:

Will not occur

Dust explosion hazard (solids):

None

## **11. TOXICOLOGICAL INFORMATION**

Routes of Entry:

Eye contact, ingestion.

Acute toxicity data

Toxicity to Animals:

EC50(5d) = 698 mg/l.

Special remarks on toxicity to Animals:

Not available

Acute Effects

Eye contact:

No effect expected.

Skin contact:

No effect expected.

Sensitization:

No effect expected.

Ingestion:

No significant effects are expected.

Inhalation:

No effects expected.

Remarks:

Not available

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Carcinogenicity/Mutagenicity:	This product is not considered to be a human or animal carcinogen.
Teratogenicity/Reproductive Toxicity:	This product is not known to cause teratogenicity or reproductive toxicity.

## **12. ECOLOGICAL INFORMATION**

Eco-toxicity:	
Biodegradability:	None known
Special Remarks on the Products of Bio-degradation:	Not available

## **13. DISPOSAL CONSIDERATIONS**

Waste information:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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## **14. TRANSPORT INFORMATION**

The preparation is not classified as dangerous goods	
Proper shipping name:	None
Hazard class:	N/A
Packing group:	N/A
Identification number:	Not regulated

## **15. REGULATORY INFORMATION**

European Labeling in Accordance with EC Directives	
Hazard symbols:	-
Risk phrases:	This product is not classified according to the EU regulations.
Safety phrases:	No specific safety phrase has been found applicable for this product.
US Regulations	
TSCA:	All ingredients are on the TSCA inventory.

## **16. OTHER INFORMATION**

### **REGULATORY INFORMATION**

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\*\*\* END of SDS\*\*\*

## Safety Data Sheet

PRODUCT CODE: **KCM043**

Effective Date: December-2023

Version: 3.0

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

**Defoamer and Anti-foaming Agent: KCM043**

Company/undertaking identification:

OPT Chemicals Saudi Factory and Co.  
Dammam 2<sup>nd</sup> Industrial City, 6<sup>th</sup> Street, 101 Intersection,  
Postal code 34334, Kingdom of Saudi Arabia.  
+966 56 917 2181

Emergency phone:

### 2. HAZARDS IDENTIFICATION

Main environmental hazards:

None known

Main physical hazards:

Special precautions:

None

Physical hazard:

Water slick, explosive dust.

Main health hazards:

May be mildly irritating to eyes.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Substance:</b>	<b>Conc. [wt.%]</b>	<b>CAS#</b>
Organic Silicone	70-90	-
Water	10-30	7732-18-5

### 4. FIRST AID MEASURES

Eye contact:

Immediately flush eyes with water for 15 minutes while holding eyelids open. Seek medical attention at once.

Skin contact:

Rinse with water.

Inhalation:

Remove to fresh air.

Swallowing:

Rinse mouth with water, seek medical attention if irritating.

### 5. FIRE-FIGHTING MEASURES

Flammable properties:

Flash point:

&gt;93°C

Auto-ignition temperature:

Not available

Flammable limits:

LFL:

Not applicable

UFL:

Not applicable

Extinguishing media:

Small fire:

Using DRY chemical powder.

Large fire:

Using water spray, fog or foam, do not use water jet.

NFPA Rating:

Health 1; Flammability 1; Reactivity 0; other 0.

### 6. ACCIDENTAL RELEASE MEASURES

Small spill:

Contain with dikes, sweep up and place in a closed container for disposal. Soak residue with inert absorbant (sand).

Large spill:

Evacuate area of nonessential personnel. Contain spill with dikes and put into drums for proper disposal.

### 7. HANDLING AND STORAGE

Special precautions:

Avoid freezing. Contain in HDPE plastic drums. No further precaution required.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory protection:

None normally required.

Eye protection:

Chemical splash goggles.

Hand protection:

Not required.

Skin protection:

Clean, body-covering clothing.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:

Emulsion

Color:

White

Odor:

Mild

Vapor Pressure:

4 KPa

pH:

6-8

Relative density (specific gravity):

0.92-1.12

Ignition temperature:

Not available

Explosion limits:

Not determined

Lower:

Not available

Upper:

Not available

Boiling point:

>93°C

Freezing point:

0°C

Flash point:

>93°C

Melting point:

Not applicable

## **10. STABILITY AND REACTIVITY**

Stability:

Stable under normal conditions of storage and handling.

Instability temperature:

Not available

Conditions of Instability:

Not available

Materials to avoid:

Avoid oxidizing agents.

Corrosivity:

Not available

Special remarks on reactivity:

Not available

Hazardous polymerization:

Will not occur.

Decomposition hazard:

silicon oxide when burned strongly, May release carbon dioxide or harmful organic fumes.

## **11. TOXICOLOGICAL INFORMATION**

Eye contact:

Cause irritation

Skin contact:

No effect expected.

Sensitization:

This material is not expected to be a skin sensitizer. This material is not expected to be a skin absorption hazard.

Ingestion:

No significant effects are expected.

Inhalation:

No effects expected.

Remarks:

Not available

Carcinogenicity/Mutagenicity:

This product is not considered to be a human or animal carcinogen.

Teratogenicity/Reproductive Toxicity:

This product is not known to cause teratogenicity or reproductive toxicity.

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**12. ECOLOGICAL INFORMATION**

Ecotoxicity:	Not available
Biodegradability:	Not determined
Special Remarks on the Products of Biodegradation:	Not available

**13. DISPOSAL CONSIDERATIONS**

Waste information:	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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**14. TRANSPORT INFORMATION**

The preparation is not classified as dangerous goods:	
Proper shipping name:	None
Hazard class:	N/A
Packing group:	N/A
Identification number:	Not regulated

**15. REGULATORY INFORMATION**

Hazard symbols:	-
Risk phrases:	This product is not classified according to the EU regulations.
Safety phrases:	No specific safety phrase has been found applicable for this product.
US Regulations	
TSCA:	All ingredients are on the TSCA inventory.

**16. OTHER INFORMATION****REGULATORY INFORMATION**

This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. No representations or warranties, either expressed or implied, of merchant ability, fitness for a particular purpose, or of any other nature, are made with respect to the product or the information and recommendations. We make no representation as to completeness or accuracy. In no event we shall be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

\*\*\* END of SDS\*\*\*