

# SAFETY DATA SHEET

## Kieralon: Low Foam #KLF

Version 2.2      Revision Date: 09/13/2016      SDS Number: CLT207142-V1      Date of last issue: 12/17/2015  
Date of first issue: 09/12/2013

### SECTION 1. IDENTIFICATION

<b>Identification of the company:</b>	Archroma U.S., Inc. 4000 Monroe Road Charlotte, NC, 28205 Telephone No.: +1 704-353-4100
<b>Information of the substance/preparation:</b>	Product Stewardship +1 704-353-4120
<b>Emergency tel. number:</b>	+1 866-928-0789 (NCEC)

**Trade name:** Kieralon: Low Foam #KLF  
**Material number:** 152490

**Chemical family:** Ethoxylated Fatty Alcohol

#### Recommended use of the chemical and restrictions on use

Recommended use: Non-ionic surfactants

Recommended restrictions on use: unknown

### SECTION 2. HAZARDS IDENTIFICATION


#### GHS Classification

Acute toxicity (Oral) : Category 4

Skin irritation : Category 2

Eye irritation : Category 2A

#### GHS Label element

Hazard pictograms : 

Signal word : Warning

Hazard statements : H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear eye protection/ face protection.  
P280 Wear protective gloves.

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### Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and 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.  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before reuse.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Ethoxylated alcohols		> 50

## SECTION 4. FIRST AID MEASURES

- General advice : Remove/Take off immediately all contaminated clothing.
- If inhaled : Move the victim to fresh air.  
Give oxygen or artificial respiration if needed.  
Get immediate medical advice/ attention.  
Never give anything by mouth to an unconscious person.
- In case of skin contact : Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Get medical attention immediately if irritation develops and persists.
- If swallowed : If conscious, give the victim plenty of water to drink.  
Consult a physician.  
Never give anything by mouth to an unconscious person.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).  
No additional symptoms are known.
- Notes to physician : None known.

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### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : water  
Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Water spray
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Thermal decomposition may produce oxides of carbon.  
  
Emits toxic fumes under fire conditions. Product floats on water creating a potential floating fire hazard..
- Further information : Apply alcohol-type or all purpose-type foams by manufacturers' recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires. Do not direct a solid stream of water or foam into hot burning pools; this may cause frothing and increase fire intensity. Use self-contained breathing apparatus and protective equipment.
- Special protective equipment for firefighters : Self-contained breathing apparatus
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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid contact with skin and eyes.  
Contain spill. Small spills may be flushed to the sewer or absorbed on suitable absorbants. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing with water if appropriate or remove contaminated soils. place in appropriate containers.
- Environmental precautions : Do not allow spilt product to enter soil or waterways
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### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid contact with skin and eyes.
- Conditions for safe storage : Keep container closed.
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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Components with workplace control parameters**

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**Engineering measures** : Local ventilation recommended - mechanical ventilation may be used.

**Personal protective equipment**

Respiratory protection : not required under normal use

Hand protection

Remarks : Butyl Rubber, PVC Or Neoprene.

Eye protection : Tightly fitting safety goggles

Skin and body protection : Rubber apron

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Colour : almost colourless

Odour : characteristic

Odour Threshold : not determined

pH : 6.0 - 7.5, Concentration: 10 g/l

Freezing point : 23 °F

Boiling point : not determined

Flash point : 470 °F  
Method: open cup

Evaporation rate : not determined

Flammability (solid, gas) : not applicable

Upper explosion limit : not tested.

Lower explosion limit : not tested.

Vapour pressure : no data available

Relative vapour density : > 1

Density : 1 g/cm<sup>3</sup>

Solubility(ies)  
Water solubility : miscible

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Partition coefficient: n-octanol/water : no data available

Auto-ignition temperature : not tested.

Viscosity  
Viscosity, dynamic : 45 mPa.s (77 °F)

Viscosity, kinematic : not determined

Explosive properties : Not explosive

Oxidizing properties : not oxidizing

Impact sensitivity : not determined

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable

Possibility of hazardous reactions : Stable

Conditions to avoid : Strong oxidizing agents

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : When used and handled as intended, none.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure

Eye contact  
Skin contact

#### Acute toxicity

##### Product:

Acute oral toxicity : LD50 (rat): Remarks: not tested.

Acute toxicity estimate: 552.49 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

Acute toxicity (other routes of administration) : Remarks: no data available

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### Skin corrosion/irritation

**Product:**

Result: irritating

### Serious eye damage/eye irritation

**Product:**

Result: irritating

### Germ cell mutagenicity

**Product:**

Genotoxicity in vitro : Remarks: not tested.

Genotoxicity in vivo : Test substance: no data available

### Carcinogenicity

**IARC** Not listed

**OSHA** Not listed

**NTP** Not listed

### STOT - single exposure

**Product:**

Remarks: no data available

### STOT - repeated exposure

**Product:**

Remarks: not tested.

### Experience with human exposure

**Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Product:**

Toxicity to fish :  
Remarks: not tested.

Toxicity to daphnia and other :

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aquatic invertebrates      Remarks: not tested.

Toxicity to algae      :  
Remarks: not tested.

### Persistence and degradability

#### Product:

Biodegradability      : Remarks: Readily biodegradable, according to appropriate OECD test.

Physico-chemical removability      : Remarks: not tested.

### Bioaccumulative potential

#### Product:

Bioaccumulation      : Remarks: not tested.

### Mobility in soil

#### Product:

Distribution among environmental compartments      : Remarks: not tested.

### Other adverse effects

#### Product:

Environmental fate and pathways      : Remarks: no data available

Results of PBT and vPvB assessment      : Remarks: no data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

RCRA - Resource Conservation and Recovery Authorization Act      : No -- Not as sold.

Waste Code      : None

Waste from residues      : Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or land-filled after solidification in permitted systems.

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## SECTION 14. TRANSPORT INFORMATION

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<b>DOT</b>	not restricted
<b>IATA</b>	not restricted
<b>IMDG</b>	not restricted

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### SECTION 15. REGULATORY INFORMATION

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

**SARA 311/312 Hazards** : Acute Health Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

##### Clean Water Act

Contains no known priority pollutants at concentrations greater than 0.1%.

##### The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

##### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

##### Volatile organic compounds VOC:

Content VOC (weight-%): 4.5 %  
Method: EPA Method 24

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### SECTION 16. OTHER INFORMATION

#### Further information

This product is not registered with the FDA.  
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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 a 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



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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.

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