# Material Safety Data Sheet

**Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - Europe**

**Version : 01** **Date of issue : 08/11/2019**

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

| | |
|---|---|
| **1.1. Product identifier** | |
| | **Kinetics AHA Cuticle OFF (KACR11)**<br>**Item #: KACR11** |
| **1.2. Relevant identified uses of the substance or mixture and uses advised against** | |
| Identified uses | Professional cuticle remover. |
| Uses advised against | Manufacture of food products. |
| **1.3. Details of the supplier of the safety data sheet** | |
| Responsible person: | **Kinetics Nail Systems, Ltd**<br>3K Kurzemes pr., Riga, Latvia, LV-1067, Latvia<br>TEL: +(371) 6 7295 260<br>FAX: +(371) 6 7873 525<br>e-mail: info@kineticsbeauty.com<br>web: www.kineticsbeauty.com<br>E-mail of person responsible for Product Safety Data Sheet:<br>info@kineticsbeauty.com |
| **1.4. Emergency telephone number** | |
| | EU:112<br>Emergency telephone for other regions to be filled out by local business |

## SECTION 2: Hazards identification

| | |
|---|---|
| **2.1. Classification of the substance or mixture** | |
| According to regulation (EC) No 1272/2008: | **Not classified** |
| Important adverse physicochemical, human health and environmental effects: | **EUH210** |
| **2.2. Label elements** | |
| According to regulation (EC) No 1272/2008: **(Applicable from 01.06.2015)** | **EUH210 Safety data sheet available on request.**<br><br>P101 If medical advice is needed, have product container or label at hand.<br>P102 Keep out of reach of children.<br>P264 Wash hands thoroughly after handling. |
| **2.3. Other hazards** | |
| | Product does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH (Regulation (EC) No 1907/2006). |

**See section 11 for more detailed information on health effects and symptoms.**

## SECTION 3: Composition/information on ingredients

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|---|---|
| **3.1. Substances** | No relevant. |
| **3.2. Mixtures** | Mixture of hazardous and non-hazardous ingredients. |

| Ingredient name (INCI) | INDEX | CAS Numbers: | EINECS: | Conc.% | Classification Regulation (EC) 1272/2008 (CLP) | Type |
|---|---|---|---|---|---|---|
| Lactic acid | N/A | 50-21-5 | 200-018-0 | 0.5-1 | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>*Specific Concentration limits:* | [1] |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | Eye Dam. 1; : C ≥ 3 %<br>Skin Irrit. 2; : C ≥ 10 %<br>Eye Irrit. 2; : 1 % ≤ C < 3 % | |
| Ethanaminium, N,N,N-trimethyl-2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]-, chloride (1:1), homopolymer | N/A | 26161-33-1 | 607-876-9 | 0.5-1 | Aquatic Chronic 2, H411 | [1] |

**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.**
**See section 16 for the full text of the R and H phrases declared above.**
**Occupational exposure limits, if available, are listed in section 8.**
[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit
[3] PBT-substance
[4] vPvB-substance

## SECTION 4: First aid measures

| **4.1. Description of first aid measures** | |
|---|---|
| General advice: | Remove contaminated clothing. |
| Inhalation: | Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention if feeling unwell. |
| Skin contact: | Remove contaminated clothing and wash before reuse. Remove contaminated shoes. Flush with plenty of water.<br>Obtain medical attention if irritation persists. |
| Eye contact: | Immediately wash the eyes with plenty of water for at least 15 min holding the eye open. Obtain medical attention if irritation persists. |
| Ingestion: | Do not INDUCE VOMITING. Rinse mouth with water. Get medical attention if feeling unwell. |
| **4.2. Most important symptoms and effects, both acute and delayed** | |
| Inhalation: | No known significant effects or critical hazards. |
| Skin contact: | Very slight irritation is possible. |
| Eye contact: | Very slight irritation is possible. |
| Ingestion: | No known significant effects or critical hazards. |
| **4.3. Indication of any immediate medical attention and special treatment needed** | |
| Specific treatments: | Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote. |

**See section 11 for more detailed information on health effects and symptoms.**

## SECTION 5: Firefighting measures

| **5.1. Extinguishing media** | |
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| Suitable extinguishing media: | Use dry chemical, CO2, water spray (fog) or foam. Use an extinguishing agent suitable for the surrounding fire. |
| Unsuitable extinguishing media: | Do not use full power water jet. |
| **5.2. Special hazards arising from the substance or mixture** | |
| | Hazards from the substance or mixture: In a fire or if heated, a pressure increase will occur and the container may burst. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.<br>Hazardous combustion products: Decomposition products may include the following materials:<br>carbon dioxide<br>carbon monoxide |
| **5.3. Advice for firefighters** | |
| | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention. |

## SECTION 6: Accidental release measures

| **6.1. Personal precautions, protective equipment and emergency procedures** | |
|---|---|
| **For non-emergency personnel:** | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. |
| **For emergency responders:** | If specialised clothing is required to deal with the spillage, take note of any information in Section "Exposure controls/personal protection" on suitable and unsuitable materials. See also the information in "For non-emergency personnel". |
| **6.2. Environmental precautions** | |
| | Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). |
| **6.3. Methods and material for containment and cleaning up** | |
| | **Small spill:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.<br>**Large spill:** Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. |
| **6.4. Reference to other sections** | |
| | See Section 1 for emergency contact information.<br>See Section 8 for information on appropriate personal protective equipment.<br>See Section 13 for additional waste treatment information. |

## SECTION 7: Handling and storage

| **7.1. Precautions for safe handling** | |
|---|---|
| Protective measures: | Put on appropriate personal protective equipment (see Section "Exposure controls/personal protection"). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. |
| Advice on general occupational hygiene: | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section "Exposure controls/personal protection" for additional information on hygiene measures. |
| **7.2. Conditions for safe storage, including any incompatibilities** | |
| Storage: | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section "Stability and reactivity") and food and drink. Keep container tightly closed and sealed until ready for use.<br>Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section "Stability and reactivity" for incompatible materials before handling or use. |
| **7.3. Specific end use(s)** | |
| Industrial sector specific solutions: | Product is for professional use only. |

## SECTION 8: Exposure controls/personal protection

| **8.1. Control parameters** | |
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| Occupational exposure limits | Limit values are laid down throughout the EU, but each Member State establishes its own national OELs, often going beyond EU legislation. OELs are set by competent national |

| | |
|---|---|
| | authorities and other relevant institutions.<br>**EU:**<br>No values known.<br><br>**United Kingdom (HSE, 2011):**<br>No values known.<br><br>**Germany (TRGS-900):**<br>No values known.<br><br>**Latvia (AER, reg.325/2011):**<br>No values known. |
| Recommended monitoring Procedures: | If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances. |
| **8.2. Manufacturer: Exposure controls** | |
| Appropriate engineering Controls: | Ensure good ventilation/extraction. |
| **Individual protection measures:** | |
| Hygiene measures: | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.<br>Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. |
| Respiratory protection |  Ensure adequate ventilation.<br>An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area. |
| Eye/face protection: |  Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing. |
| Skin protection: |   Chemical-resistant protective gloves (EN 374).<br>Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):<br>Gloves made from butyl rubber (breakthrough times >480 minutes), Neoprene™ rubber, nitrile rubber (breakthrough times up to 480 minutes).<br>Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):<br>Gloves made from butyl rubber (breakthrough times >480 minutes), Neoprene™ rubber, nitrile rubber (breakthrough times up to 480 minutes).<br>This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.<br>Wear suitable protective clothing. |
| **Environmental exposure controls:** | |
| | According to available technology. |

## SECTION 9: Physical and chemical properties

| **9.1. Information on basic physical and chemical properties** | |
|---|---|
| Appearance | |
| Physical state | Transparent viscous liquid. |

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|---|---|
| Colour | Not available. |
| Odour | Not available. |
| Odour threshold | Not available. |
| pH at 25 °C | Not applicable**.** |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash point | Not available. |
| Evaporation rate | Not available |
| Flammability (solid, gas) | Not applicable**.** |
| Upper/lower flammability or explosive limits | Not available. |
| Vapour pressure | Not available. |
| Vapour density | Not available. |
| Relative density | Not available. |
| Solubility(ies) | Not available. |
| Partition coefficient: n-octanol/water | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Evaporation Rate | Not available. |
| Explosive properties | Not available. |
| Oxidising properties | Not available |
| **9.2. Other information** | |
| Impurity | Not available |

## SECTION 10: Stability and reactivity

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|---|---|
| **10.1. Reactivity** | |
| | No hazardous reactions if stored and handled as prescribed/indicated. |
| **10.2. Chemical stability** | |
| | Stable under recommended storage conditions. |
| **10.3. Possibility of hazardous reactions** | |
| | Polymerization is possible when exposed to white light, ultraviolet light or heat. |
| **10.4. Conditions to avoid** | |
| | Sun-Light, UV-Light, un-clean conditions to avoid during storage. |
| **10.5. Incompatible materials** | |
| | Strong alkalis. |
| **10.6. Hazardous decomposition products** | |
| | Fumes produced when heated to decomposition may include: Toxic carbon monoxide, carbon dioxide. |

## SECTION 11: Toxicological information

| **11.1. Information on toxicological effects** | | | | |
|---|---|---|---|---|
| **Product:** | ATE mix Oral calculation: >2000 mg/kg, not classified as acute toxic. | | | |
| **Ingredients:** | | | | |
| **Acute toxicity:** | **Result** | **Species** | **Dose** | **Exposure** |
| Lactic acid | LD50, oral | Rat | 3 543 mg/kg bw | - |
| | LC50, inhal. | Rat | > 7.94 mg/L air | 4 h |
| | LD50, dermal | Rabbit | > 2 000 mg/kg bw | - |
| **Eye irritation:** | | | | |
| Lactic acid | Irritant. | | | |
| **Skin irritation/ corrosion:** | | | | |
| Lactic acid | Irritant. | | | |
| **Sensitisation:** | No known effect according to our database. | | | |
| **Repeated dose toxicity:** | No known effect according to our database. | | | |
| **Carcinogenicity:** | No known effect according to our database. | | | |
| **Mutagenicity:** | No known effect according to our database. | | | |

| | |
|---|---|
| **Toxicity for reproduction:** | No known effect according to our database. |
| **Specific target organ toxicity** | No known effect according to our database. |
| **Potential acute health effects** | |
| Eye contact: | Very slight irritation is possible. |
| Inhalation: | No known significant effects or critical hazards. |
| Skin contact: | Very slight irritation is possible. |
| Ingestion: | No known significant effects or critical hazards. |
| **Symptoms related to the physical, chemical and toxicological characteristics** | |
| Eye contact: | No specific data. |
| Inhalation: | No specific data. |
| Skin contact: | No specific data. |
| Ingestion: | No specific data. |
| **Delayed and immediate effects and also chronic effects from short and long term exposure** | |
| **Short term exposure:** | |
| Potential immediate effects: | Not available. |
| Potential delayed effects: | Not available. |
| **Long term exposure:** | Not available. |
| Potential immediate effects: | Not available. |
| Potential delayed effects: | Not available. |
| **Potential chronic health effects:** | Not available. |
| **Conclusion/Summary** | |
| General | No known significant effects or critical hazards. |
| Carcinogenicity | No known significant effects or critical hazards. |
| Mutagenicity | No known significant effects or critical hazards. |
| Teratogenicity | No known significant effects or critical hazards. |
| Developmental effects | No known significant effects or critical hazards. |
| Fertility effects | No known significant effects or critical hazards. |
| **11.2. Other information** | |
| | Not available. |

## SECTION 12: Ecological information

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|---|---|
| **12.1. Toxicity** | |
| **Aquatic toxicity** | |
| Ethanaminium, N,N,N-trimethyl-2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]-, chloride (1:1), homopolymer | Toxic to aquatic life with long lasting effects. |
| **12.2. Persistence and degradability** | |
| | Biodegradable. |
| **12.3. Bioaccumulative potential** | |
| | Low. |
| **12.4. Mobility in soil** | |
| | Not available. |
| **12.5. Results of PBT and vPvB assessment** | |
| | Regarding all available data on biotic and abiotic degradation, bioaccumulation and toxicity it can be stated that the substance does not fulfil the PBT criteria (not PBT) and not the vPvB criteria (not vPvB). . |
| **12.6. Other adverse effects** | |
| | No known significant effects or critical hazards. |

## SECTION 13: Disposal considerations

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|---|---|
| **13.1. Waste treatment methods** | |
| **Product:** | |
| Methods of disposal: | Waste must be disposed of in accordance with federal, state and local environmental control regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. |

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| Hazardous waste: | Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC. |
| European waste catalogue (EWC): | 20 01 28 paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| **Packaging:** | |
| Methods of disposal: | The generation of waste should be avoided or minimized wherever possible. Packaging: IBC container, plastic drum.<br>Waste packaging should be recycled. |
| Special precautions: | This material and its container must be disposed of in a safe way. |

## SECTION 14: Transport information

This **preparation is not classified** as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA).
**International transport regulations:**

| | ADR/RID | ADN | IMDG | IATA |
|---|---|---|---|---|
| 14.1. UN number | None | None | None | None |
| 14.2. UN proper shipping name | - | | | |
| 14.3. Transport hazard class(es) | - | - | - | - |
| 14.4. Packing group | - | - | - | - |
| 14.5. Environmental hazards | - | - | - | - |
| 14.6. Special precautions for user | - | - | - | - |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. | | | |

## SECTION 15: Regulatory information

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|---|---|
| **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture** | |
| **EU Regulation (EC) No. 1907/2006 (REACH):** | |
| Annex XIV - List of substances subject to authorization: | Substances of very high concern: None of the components are listed. |
| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: | Not applicable. |
| **15.2. Chemical safety assessment** | |
| Chemical Safety Assessment following regulation 1907/2006/EC: | A Chemical Safety Assessment has not been carried out. |

## SECTION 16: Other information

| | |
|---|---|
| **Abbreviations and acronyms:** | |
| Full text of abbreviations | CLP: Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008]<br>ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road<br>RID: International Rule for Transport of Dangerous Substances by Railway<br>IMDG: International Maritime Code for Dangerous Goods<br>IATA: International Air Transport Association<br>CAS: Chemical Abstracts Service<br>EINECS: European Inventory of Existing Commercial chemical Substances<br>LC50: Median lethal concentration<br>LD50: Median lethal dose |

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|---|---|
| | REACH: Registration, Evaluation and Authorisation of Chemicals<br>PBT: Persistent, bio-accumulative and toxic<br>vPvB: Very persistent, very bio-accumulative |
| Full text of classifications and H statements [CLP/GHS]: | Skin Irrit. 2, Skin corrosion/ irritation, Hazard Category 2;<br>H315 Causes skin irritation.<br>Eye Dam. 1, Serious eye damage/eye irritation, Hazard Category 1;<br>H318 Causes serious eye damage.<br>Eye Irrit. 2, Serious eye damage/eye irritation, Hazard Category 2;<br>H319 Causes serious eye irritation.<br>Aquatic Chronic 2, Long-term (chronic) aquatic hazard, Category 2;<br>H411 Toxic to aquatic life with long lasting effects.<br>EUH210 Safety data sheet available on request. |
| Classification system | **Classification for health effects:** conventional (calculation) method is used.<br>No applicable.<br>**Classification for physico-chemical effects:**<br>No applicable.<br>**Classification for environmental effects:** conventional (calculation) method is used.<br>No applicable. |
| **Training advice:** | |
| | In addition to health, safety and environmental training programs for their workers, companies must ensure that workers read, understand and apply the requirements of this SDS. |
| **Used literature:** | |
| | European Chemical Agency's homepage (http://echa.europa.eu/).<br>Safety data sheets of individual components. |
| **DISCLAIMER OF LIABILITY:** | |
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**END OF SAFETY DATA SHEET**