

< Material Safety Data Sheet >

Product Name : Talc J-LL(HD)

1. PRODUCT AND COMPANY IDENTIFICATION

a) Product Name	Talc J-LL(HD)
b) Recommended use of the chemical and restrictions on use	Cosmetics material
c) Supplier's Information	
Name	EastHill Corporation
Address	Hyundai Coretel 1003, 341, Sanbon-ro, Gunpo-si, Gyeonggi-do 15865, Korea.
Emergency phone number	TEL) 82-31-396-5182 FAX) 82-31-396-5183

2. HAZARDS IDENTIFICATION

a) Hazard Classification	Not Classified
b) Label elements including precautionary statements	
Symbol	None
Signal Word	None
Hazard-Risk Statement	None
Precautionary Statement	
Precaution	None
Response	None
Storage	None
Disposal	None
c) Other Hazard. Risk (NFPA)	
Health	1
Fire	0
Reactivity	0

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CONTENT(%)	CAS.No
Talc	confidential	14807-96-6
Lauroyl Lysine		52315-75-0

4. FIRST AID MEASURES

a) Eye contact	Seek medical advice immediately Wash the eyes with flowing water immediately for 20 minutes.
b) Skin contact	Wash the skin with soap and water to remove the adhered. If you feel an inconvenience, seek medical advice.

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| | Remove the clothing and shoes, isolate the polluted area. |
| | Prevent the spread of the contamination. |
| c) Inhalation | Seek medical advice if it is exposure. |
| | Remove the polluted air with fresh air if it is exposure for dust or fume. |
| | Seek medical advice if you have cough or other symptom. |
| d) Ingestion | Seek medical advice if it is exposure. |
| | Use suitable Respiratory medical equipment. |
| e) Note to physician | None |

5. FIRE-FIGHTING MEASURES

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|---|--|
| a) Suitable (and unsuitable) extinguishing media | Alcohol-form, Carbon Dioxide, Water-spray
In case of extinguishment by smothering, use dry sand or soil |
| b) Specific hazards arising from the chemical | It can combust partial but don't ignite easily.
Nonflammability, material don't combust but if apply heat, decomposition can make corrosiveness/toxic fume. |
| c) Special protective equipment and precautions for fire-fighters | Wear the suitable protective equipment.
Maintain the safety distance and put out a fire
If it is not dangerous, move the container from fire area.
In case of tank fire, put out a fire in the maximum distance or use unmanned fire extinguisher.
In case of tank fire, after extinguishing fire, cool down the container with plenty of water.
In case of tank fire, if there is high note in pressure relief device or tank be discolored, immediately draw back.
In case of large scale tank fire, use unmanned fire extinguisher. If it is impossible, draw back to burn. |

6. ACCIDENTAL RELEASE MEASURES

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|--|--|
| a) Personal precautions, protective equipment and emergency procedures | Avoid breathing vapors, mist or gas
Remove the all ignition source.
Wipe immediately spilled materials and obey the precaution of protective equipment part.
Isolate the polluted area
If you don't wear suitable protective equipment, do not touch the damaged container or exposure material.
If it is not dangerous, stop the exposure.
Cover a plastic sheet and prevent the spread of the contamination. |
| b) Environmental precautions and protective procedures | Avoid release to the environment
Prevent spills from entering storm sewers or drains and contact with soil |
| c) Methods and materials for containment and cleaning up | Absorb the spilled material by inactivator and put in chemical waste container.
Absorb the liquid and wash the polluted area with water and detergent. |

7. HANDLING AND STORAGE

- | | |
|----------------------------------|---|
| a) Precautions for safe handling | Avoid breathing vapors, mist or gas
Use it on good ventilation area only.
Be careful of the material and condition to avoid |
| b) Conditions for safe storage | Avoid high temperature, humidity, spark. |

Store the container and material in cool, in cool and good ventilation area .

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

a) Occupational Exposure Limits

Korea

Talc	TWA – 6mg/m ³ (Soapstone(Total dust))
	TWA – 3mg/m ³ (Soapstone(Respirable dust))
	TWA – 2mg/m ³ (Talc(not contained asbesros))

Lauroyl Lysine	No data
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ACGIH

Talc	TWA 2mg/m ³ (Respirable, not contained asbesros)
Lauroyl Lysine	No data

Biological Exposure Indices

Talc	No data
Lauroyl Lysine	No data

b) Appropriate engineering controls

To prevent the air-pollution of working space, it is desired to provide a local exhaustion apparatus or closed type system, and make total ventilation appropriately.

c) Personal protective equipment

Respiratory protection	Wear the respiratory protective equipment approved by Korea occuparional safety and health agency
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9. PHYSICAL AND CHEMICAL PROPERTIES

a) Appearance (physical state, color, etc.)	Whitish Powder
b) Odor	Slightly Characteristic Oder
c) Odor threshold	No data
d) pH	No data
e) Melting point / Freezing point	No data
f) Initial boiling point and boiling range	Not applicable
g) Flash point	Not applicable
h) Evaporation rate	Not available
i) Flammability (solid, gas)	Non flammability
j) Explosion limits	Not applicable
k) Vapor pressure	No data
l) Solubility	Insoluble in water
m) Vapor density	Not available
n) Relative density	Not available
o) Partition coefficient: n-octanol/water	No data
p) Auto-ignition temperature	No burning
q) Decomposition temperature	No data
r) Viscosity	Not available
s) Molecular weight	No data

10. STABILITY AND REACTIVITY

a) Chemical stability and possibility of hazardous reactions

b) Conditions to avoid	Stable under general condition
c) Incompatible materials	Ignition source (Heat, spark, flame)
d) Hazardous decomposition products	Combustibles, reductiveness material
	corrosive/toxic fume
	Irritative/corrosive/toxic gas

11. TOXICOLOGICAL INFORMATION

a) Information on the likely routes of exposure	No data
b) Health hazards information	
Acute Toxicity	
Oral	
Talc	No data
Lauroyl Lysine	No data
Skin	
Talc	No data
Lauroyl Lysine	No data
Inhalation	
Talc	No data
Lauroyl Lysine	No data
Skin corrosion /irritation	
Talc	No data
Lauroyl Lysine	No data
Serious eye damage/irritation	
Talc	Rabbit : No irritation
Lauroyl Lysine	No data
Respiratory sensitization	
Talc	No data
Lauroyl Lysine	No data
Skin sensitization	
Talc	No data
Lauroyl Lysine	No data
Carcinogenicity	
IARC	
Talc	Group 3
Lauroyl Lysine	No data
OSHA	
Talc	No data
Lauroyl Lysine	No data
ACGIH	
Talc	A4
Lauroyl Lysine	No data
NTP	
Talc	No data
Lauroyl Lysine	No data
EU CLP	

Talc	No data
Lauroyl Lysine	No data
Germ cell mutagenicity	
Talc	No data
Lauroyl Lysine	No data
Reproductive toxicity	
Talc	No data
Lauroyl Lysine	No data
Specific target organ systemic toxicity (single exposure)	
Talc	No data
Lauroyl Lysine	No data
Specific target organ systemic toxicity (repeated exposure)	
Talc	No data
Lauroyl Lysine	No data
Aspiration hazard	
Talc	No data
Lauroyl Lysine	No data

12. ECOLOGICAL INFORMATION

a) Aquatic and terrestrial ecotoxicity

Fish

Talc	LC50 > 10000mg/l 24 hr Brachydanio rerio
Lauroyl Lysine	No data

Crustacean

Talc	No data
Lauroyl Lysine	No data

Birds

Talc	No data
Lauroyl Lysine	No data

b) Persistence and Degradability

Persistence

Talc	Log Kow -1.50
Lauroyl Lysine	log Kow 4.84

Degradability

Talc	No data
Lauroyl Lysine	No data

c) Bioaccumulative potential

Bioaccumulativity

Talc	No data
Lauroyl Lysine	BCF 723.4

Biodegradability

Talc	No data
Lauroyl Lysine	No data

d) Mobility in soil

Talc	No data
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Lauroyl Lysine	No data
e) Other adverse effects	
Talc	No data
Lauroyl Lysine	No data

13. DISPOSAL CONSIDERATIONS

a) Disposal method	Dispose the waste in accordance with all applicable regulations
b) Disposal precaution	Dispose the waste in accordance with all applicable regulations

14. TRANSPORT INFORMATION

a) UN number	
Talc	Not applicable
Lauroyl Lysine	Not applicable
b) UN proper shipping name	
Talc	Not applicable
Lauroyl Lysine	Not applicable
c) Transport hazard class	
Talc	Not applicable
Lauroyl Lysine	Not applicable
d) Packing group	
Talc	Not applicable
Lauroyl Lysine	Not applicable
e) Marine pollution	
Talc	No data
Lauroyl Lysine	No data
f) Special precaution for user	
Talc	No data
Lauroyl Lysine	No data
g) IATA	
Talc	Not regulated
Lauroyl Lysine	Not regulated

15. REGULATORY INFORMATION

a) Safety, health and environmental regulations	
Korean	
Talc	Not regulated
Lauroyl Lysine	Not regulated
U.S. Federal	
OSHA	
Talc	Not regulated
Lauroyl Lysine	Not regulated
CERCLA	
Talc	Not regulated
Lauroyl Lysine	Not regulated
EPCRA 302	

Talc	Not regulated
Lauroyl Lysine	Not regulated
EPCRA 304	
Talc	Not regulated
Lauroyl Lysine	Not regulated
EPCRA 313	
Talc	Not regulated
Lauroyl Lysine	Not regulated
Rotterdam Convention(PIC)	
Talc	Not regulated
Lauroyl Lysine	Not regulated
Stockholm Convention(POPs)	
Talc	Not regulated
Lauroyl Lysine	Not regulated
Montreal Protocol	
Talc	Not regulated
Lauroyl Lysine	Not regulated
EU	
Classification	
Talc	Not regulated
Lauroyl Lysine	Not regulated
Risk Phrase	
Talc	Not regulated
Lauroyl Lysine	Not regulated
Safety phrase	
Talc	Not regulated
Lauroyl Lysine	Not regulated

16. OTHER INFORMATION

a) Issuing date	2017.07.14
b) Revision number and date	
Revision number	0
Revision date	-
c) Others :	For more information contact product safety at EastHill Corporation Hyundai Coretel 1003, 341, Sanbon-ro, Gunpo-si, Gyeonggi-do 15865, Republic of Korea. TEL : 82-31-396-5182 FAX : 82-31-396-5183

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