




MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

- Product Name : Aloe Vera Extract (Korea)
- Supplier Name : Cherrose Co., Ltd. 88/233 Prachasamran Rd., Khlong Sip
Song, Nongchok, Bangkok, 10530 Thailand.
- Emergency Telephone Number : +662-038-3395

2. HAZARDS IDENTIFICATION

- Hazard-Risk Classification Skin Corrosion/Irritation : Category 2
- Label elements including precautionary statements
- Symbol : 
 - Signal word : Warning
 - Hazard-Risk Statement : H315 Causes skin irritation.
 - Precautionary Statement :
 - Prevention : P264 Wash thoroughly after handling.
P280 Wear protective gloves/clothing and eye/face protection.
 - Response : P302+P352 If on skin: Wash with plenty of water.
P332+P313 If skin irritation occurs, Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash before reuse.
 - Storage : Not applicable
 - Disposal : Not applicable
- Other Hazard-Risk which are not included in the classification criteria (NFPA)
- Health 1
 - Fire 1
 - Reactivity 0

3. COMPOSITION & INFORMATION ON INGREDIENTS

INCI Name	CAS No.	Content(%)
Aloe Barbadensis Leaf Extract	85507-69-3 94349-62-9	100



4. FIRST AID MEASURES

- Eye contact : Immediately flush eyes with plenty of water for at least 15 minutes
- Skin contact : If on skin, wash with plenty of water.
- Inhalation : Move to fresh air.
- Ingestion : Immediately rinse mouth and drink plenty of water.
- Other physician precautions : If skin irritation occurs: Get medical advice/attention.

5. FIRE-FIGHTING MEASURES

- Suitable(unsuitable) extinguishing chemicals : Use general extinguishing chemicals and water spray for digestion.
Use dry sand or earth for digestion.
- Specific hazards arising from the chemical : Not applicable
- Protective equipment and precautions for fire-fighting : Remove the container from the area where the fire occurred, if it is not dangerous.
void the area, maintain the safety distance and extinguish fire.
Water, scattered when the container is heated or exploded, may burn the skin or eyes.
Cool containers with large amounts of water even after fire is extinguished.

6. ACCIDENTAL RELEASE MEASURES

- Measures and Protective Equipment to protect the human body. : Stop the leak if it is not dangerous.
Wear protective gloves/clothing and eye/face protection.
- Measures to protect the environment : Not applicable :
- How to clean or remove Absorb spillage and clean contaminated areas with detergent and water.

7. HANDLING AND STORAGE

- Safety Handling Tips. : Wear protective gloves/clothing and eye/face protection.
Wash thoroughly after handling.
- Safe storage : Store in a cool, dry place.



Keep tightly closed.

Use the product after heating when crystallized.

○ Shelf Life : 24 months from date of manufacture

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

○ Exposure standards for chemicals, Biological exposure standard.

- Domestic regulation : Not applicable
- ACGIH regulation : Not applicable
- Biological exposure standard : Not applicable

○ Appropriate engineering control : Establish the washing facilities near workplace.

○ Personal protective equipment

- Respiratory protection : Not applicable
- Eye protection : Not applicable
- Hands protection : Wear protective gloves.
- Body protection : Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

○ Appearance : Colorless transparent liquid

○ Odor : Typical

○ Odor threshold : None

○ pH (Neat) : 4.00 ~ 7.00

○ Melting point/Freezing point : -30°C (Freezing point)

○ Boiling point : $> 150^{\circ}\text{C}$

○ Flashing point : $> 200^{\circ}\text{C}$

○ Evaporation rate : None

○ Flammability (solid, gas) : Not applicable

○ Upper/lower limit of burning or explosion : None

rang :

○ Vapor pressure : None

○ Solubility : None

○ Vapor density : None

○ Specific Gravity (d25/25) : 1.001 ~ 1.030



○ Refractive Index (n _{25/D}) :	1.330 ~ 1.390
○ Partition coefficient n-octanol/water :	None
○ Auto ignition temperature :	None
○ Decomposition temperature :	None
○ Viscosity	None
○ Molecular mass :	None

10. STABILITY AND REACTIVITY

○ Possibility of chemical stability and adverse reaction :	Stable at normal temperature and pressure. Some can be flammable but do not easily ignite.
○ Conditions to avoid :	Prevent moisture. Keep this product out of the direct rays of the sun.
○ Substances to avoid :	Flammable material.
○ Hazardous decomposition products :	Not applicable.

11. TOXICOLOGICAL INFORMATION

○ Information on the likely routes of exposure	Not applicable
○ Health hazards information	
• Acute toxicity	
Oral :	Not applicable
Dermal :	Not applicable
Inhalation :	Not applicable
Skin corrosive/irritant :	Stimulating substances to cause recoverable damage on skin. (When exposed to max. 4 hours)
• Serious eye damage/irritation :	Not applicable
• Respiratory sensitization :	Not applicable
• Skin sensitization :	Not applicable
• Carcinogenicity	
MOEL ¹⁾	None
IARC ²⁾	None
OSHA ³⁾	None



ACGIH ⁴⁾	None
NTP ⁵⁾	None
EU CLP ⁶⁾	None
• Germ Cell Mutagenicity :	None
• Reproduction-toxicity :	None
• Specific target organ toxicity : (Single exposure)	None
• Specific target organ toxicity : (Repeated exposure)	None
• Aspiration hazard :	None

1) MOEL : Ministry of Employment and Labor

2) IARC : International Agency for Research on Cancer

3) OSHA : Occupational Safety and Health Administration

4) ACGIH : American Conference of Governmental Industrial Hygienists

5) NTP : Normal temperature and pressure

6) EU CLP : EU Classification, Labelling and Packaging of substances and mixtures

12. ECOLOGICAL INFORMATION

○ Aquatic and terrestrial ecotoxicity

• Fish :	Not applicable
• Crustacean :	Not applicable
• Birds :	Not applicable

○ Persistence and degradability

• Persistence :	Not applicable
• Degradability :	Not applicable

○ Bioaccumulative potential

• Condensability :	Not applicable
• Biodegradable :	Not applicable

○ Mobility in soil : Not applicable

○ Other adverse effects : Not applicable



13. DISPOSAL CONSIDERATIONS

- Disposal method : Not applicable
- Disposal precaution : Not applicable

14. TRANSPORT INFORMATION

- IATA : This product is NOT classified as dangerous for IATA Transport.
- UN number : Not applicable
- Proper shipping name : Not applicable
- Hazard rating in transport : Not applicable
- Container rating : Not applicable
- Marine pollutants : Not applicable
- Special safety measures that the user needs or needs to know about transportation.
 - Emergency measures in case of fire : Not applicable
 - Emergency measures in case of leak : Not applicable

15. REGULATORY INFORMATION

- Industrial Safety and Health Act : Not applicable
- Toxic Chemical Control Act : Not applicable
- Dangerous Material Safety Control Act : Not applicable
- Wastes Management Act : Not applicable
- Other requirements in domestic and other countries
 - Domestic requirements
 - Persistent organic pollutants : Not applicable
 - Foreign requirements
 - U.S.A management information : Not applicable
(OSHA)
 - U.S.A management information : Not applicable
(CERCLA)
 - U.S.A management information : Not applicable
(EPCRA 302)



U.S.A management information : (EPCRA 304)	Not applicable
U.S.A management information : (EPCRA 313)	Not applicable
U.S.A management information : (Rotterdam Convention)	Not applicable
U.S.A management information : (Stockholm Convention)	Not applicable
U.S.A management information : (Montreal Protocol)	Not applicable
EU classify information : (Confirmed classification result)	Not applicable
EU classify information : (Danger words)	Not applicable
EU classify information : (Safety words)	Not applicable

16. OTHER INFORMATION

- Source of material
 - Safety and reactive of physicochemical characteristic : HSDB, ILO-ICSC
 - Toxicological information : OECD SIDS, NLM HSDB, IARC
 - Ecological information : ECOTOX, IUCLID
- First date created : 2017.5.23
- The number of revisions and the latest date
 - The number of revisions : 1
 - The date of latest revision : 2017.5.26
- Other : Not applicable