## Preparation Date 2021/02/03 <br> <br> Safety Data Sheet (SDS)

 <br> <br> Safety Data Sheet (SDS)}
## Section 1 - CHEMICALS AND COMPANY IDENTIFICATION

| Chemical Identifier | SOFT-LINER Liquid |
| :--- | :--- |
| Product Code | $201214-12$ |

Prohibit use for purposes other than those written in this product's IFU.
Surgeons / patients who have a rash, dermatitis, or other hypersensitivity to this product should discontinue use and seek medical attention immediately.

Section 2 - HAZARDS IDENTIFICATION
GHS Classification of the Chemical Health Hazards

Serious eye damage/eye irritation Category 2B<br>Carcinogenicity Category 1A<br>Reproductive toxicity Category 1A<br>Specific target organ toxicity (repeated exposure) Category 1 (liver)<br>Specific target organ toxicity (repeated exposure)<br>Category 2 (central nervous system)<br>Other hazards than mentioned above are Not classified or Classification not possible.

GHS Label Elements
Pictograms

| Signal Word | Danger |
| :---: | :---: |
| Hazard Statements | H320 Causes eye irritation |
|  | H350 May cause cancer |
|  | H360 May damage fertility or the unborn child |
|  | H372 Causes damage to liver through prolonged or repeated exposure |
|  | H373 May cause damage to central nervous system through prolonged or repeated exposure |
| Precautionary Statements |  |
| Prevention | Obtain special instructions before use.(P201) |
|  | Do not handle until all safety precautions have been read and understood.(P202) |
|  | Do not breathe dust/fume/gas/mist/vapours/spray.(P260) |
|  | Wash hand thoroughly after handling.(P264) |
|  | Wash eye thoroughly after handling.(P264) |
|  | Do not eat, drink or smoke when using this product.(P270) |
|  | Wear protective gloves/protective clothing/eye protection/face protection.(P280) |
| Response | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338) |


|  | IF exposed or concerned: Get medical <br> advice/attention.(P308+P313) <br> Get medical advice and attention if you feel <br> unwell.(P314) |
| :--- | :--- |
| If eye irritation persists: Get medical |  |
| advice/attention.(P337+P313) |  |



Section 4 - FIRST AID MEASURES
Inhalation

Skin Contact

Eye Contact

Ingestion

Call a doctor if you feel unwell.
IF exposed or concerned: Get medical advice and attention.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice and attention.
IF exposed or concerned: Get medical advice and attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention.
IF exposed or concerned: Get medical advice and attention.
Rinse mouth.
IF SWALLOWED: Call a doctor if you feel unwell.

IF exposed or concerned: Get medical advice and attention.

Use extinguishing agent suitable for type of surrounding fire.
When dust occurs, use dry sand.
No information available

Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.
Fight fire from upwind position if possible
Keep away from sources of ignition and use appropriate extinguishing media.
Prohibit unauthorized staff from entering the area around the fire.
Keep unnecessary people away
Use goggles in combination with dust mask, and another protections as appropriate to situation.

Personal Precautions,
Protective Equipment and
Emergency Procedures

Environmental
Precautions
Methods and Equipment for Containment and Cleaning Up

Prevention Measures for Secondary Accidents

Use goggles in combination with dust mask, and another protections as appropriate to situation

Large spills :Evacuate area.
Ensure adequate ventilation.
Do not discharge into the drains, surface waters or ground water directly.
small spill : absorb with material such as noncombustible materialwash thoroughly after handling

Large spills: Dike spills and dispose of in safe area

Keep away from sources of ignition and prepare extinguishing media.
Risk of slipping. Spilled material forms slippery floor.

Do not recklessly walk on the spillage.

## Section 7 - HANDLING AND STORAGE

| Handling | Technical Measures | Please comply with this section and the contents of this product's IFU. |
| :---: | :---: | :---: |
|  |  | Provide ventilation system and use necessary personal protective equipment as described in "Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION". |
|  |  | Use local exhaust ventilation in case of production of fume or mist. |
|  |  | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. |
|  | Precautions for Safe Handling | Do not eat, drink or smoke when using this product. |
|  |  | Wash hands thoroughly after handling. |
|  |  | Wear protective gloves/protective clothing/eye protection/face protection. |
|  |  | Do not breathe dust/fume/gas/mist/vapours/spray. |
|  | Prevents Handling of Incompatible Substances or | Refer to "Section 10 - STABILITY AND REACTIVITY". |
| Storage | Conditions for Safe Storage | Refer to "Section 10 - STABILITY AND REACTIVITY". |
|  |  | Store locked up. |

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

|  | Exposure Limits (ACGIH) |
| :--- | :--- |
| Ethanol | TWA -, STEL 1000 ppm |


| Engineering Controls |  | Use local exhaust ventilation in case of production of fume or mist. |
| :---: | :---: | :---: |
|  |  | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. |
| Personal Protective Equipment | Respiratory | If necessary, wear respiratory protection. |
|  | Protection |  |
|  | Hand Protection | Wear protective gloves. |
|  | Eye/Face Protection | Wear eye protection/face protection. |
|  | Skin and Body | Wear protective clothing. |


| Section 9 - PHYSICAL AND CHEMICAL PROPERTIES |  |  |
| :---: | :---: | :---: |
| Physical State |  | liquid |
| Form |  | liquid |
| Colour |  | colorless |
| Odour |  | characteristic |
| Melting Point/Freezing |  | No data available |
| Point |  |  |
| Boiling Point or Initial |  | No data available |
| Boiling Point and Boiling |  |  |
| Flammability |  | No data available |
| Lower and Upper | Lower Limit | No data available |
| Explosion Limit / |  |  |
| Flammability Limit |  |  |
|  | Upper Limit | No data available |
| Flash Point |  | No data available |
| Auto-Ignition |  | No data available |
| Temperature |  |  |
| Decomposition |  | No data available |
| Temperature |  |  |
| pH |  | No data available |
| Kinematic Viscosity |  | No data available |
| Solubility |  | No data available |
| Partition Coefficient : n - |  | No data available |
| Octanol/Water |  |  |
| Vapour Pressure |  | No data available |
| Density and/or Relative |  | No data available |
| Density |  |  |
| Relative Gas Density |  | No data available |
| Particle Characteristics |  | No data available |

Section 10 - STABILITY AND REACTIVITY
Reactivity
Chemical Stability
Possibility of Hazardous
Reaction
Conditions to Avoid
Incompatible Substances
or Mixtures
Hazardous Decomposition
No information available
No information available
No information available

No information available
No information available
No information available
Products

| Section 11 - TOXICOLOGICAL INFORMATION <br> Acute Toxicity <br>  <br>  <br>  <br>  <br> Oral <br> Dermal <br> Inhalation | Not classified <br> Not classified <br> (gas) |
| :--- | :--- |
|  |  |
|  | Does not fall under gas based on GHS definitions. |
|  |  |
|  | (vapour) |
|  | Not classified |
| (dust and mist) |  |
|  | Unable to classify |
| Skin Corrosion/Irritation | Not classified |
| Serious Eye Damage/Eye | Category 2B |
| Irritation |  |
| Respiratory Sensitization | Unable to classify |
|  |  |
| Skin Sensitization | Unable to classify |
| Germ Cell Mutagenicity | Unable to classify |
| Carcinogenicity | Category 1A |
| Reproductive Toxicity | (Reproductive toxicity) |
|  | Category 1A |


|  |  | (Reproductive toxicity, effects on or via lactation) |
| :---: | :---: | :---: |
| Specific Target Organ Toxicity (Single Exposure) |  | Unable to classify Unable to classify |
| Specific Target Organ Toxicity (Repeated Exposure) |  | Category 1(liver) |
| Aspiration Hazard |  | Category 2(central nervous system) Unable to classify |
| Section 12 - ECOLOGICAL INF Hazardous to the Aquatic Environment, Short-Term (Acute) | FORMATION | Unable to classify |
| Hazardous to the Aquatic Environment, Long-Term (Chronic) |  | Unable to classify |
| Ecotoxicity |  | No data available |
| Persistence |  | No data available |
| Bioaccumulative Potential |  | No data available |
| Mobility in Soil |  | No data available |
| Hazardous to the Ozone Layer |  | Unable to classify |
| Section 13 - DISPOSAL CON | DERATIONS |  |
| Residual Waste |  | Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes. |
|  |  | Dispose of waste in accordance with local,state and federal regulations. |
| Contaminated Container and Packaging |  | Passed to a licensed waste contractor. |
|  |  | In case of disposal of empty containers, remove the content thoroughly. |
| Section 14 - TRANSPORT IN | ORMATION |  |
| International Regulations | Regulatory Information by Sea | Not regulated |
|  | Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code | Not applicable applicable |
|  | Regulatory Information by Air | Not regulated |
| Regulations in Japan | Regulatory Information by Road | Not regulated |
|  | Regulatory Information by Sea | Not regulated |
|  | Marine Pollutant Liquid Substance Transported in Bulk According to MARPOL 73/78, Annex II, the IBC Code | Not applicable applicable |
|  | Regulatory Information by Air | Not regulated |

Emergency Response
None

Guide Number

Section 15 - REGULATORY INFORMATION
It is recommended to consult the local regulations of the state/region to determine the identification as hazardous material.

Section 16 - OTHER INFORMATION
Information Contact Described in item 1
Other Property
The information herein is given in good faith, but no warranty expressed or implied, is made.

