

| 1. Identification | |
|--------------------------|--|
| Product Name(Identifier) | Leather Treatment |
| Manufacturer | Total Systems Technology Inc. |
| Address | 65 Terence Drive, Pittsburgh, PA 15236 |
| Phone Number | 412-653-7690 |
| Emergency Phone Number | 800-245-4828 |
| Recommended Use | Treating Leather |
| Restrictions on Use | Not for use on skin |

| 2. Hazard Identification | |
|--------------------------|--|
| Hazard Statements | H305: May be harmful if swallowed and enters airways H313: May be harmful in contact with skin H316: Causes mild skin irritation H320: Causes eye irritation |
| Precautionary Statements | P202: Do not handle until all safety precautions have been read and understood P264: Wash hands thoroughly after handling P341: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing |
| Signal Word | Warning |

Pictograms



| 3. Composition/ Information on Ingredients | |
|--|--------|
| Substances | % |
| Water | 50-75% |
| Xiameter® MEM-8035 Emulsion | 10-25% |
| Xiameter® MEM-0349 Emulsion | 10-25% |
| Active#18 | 1-5% |
| Bentone 38 | <1% |

| | |
|----------------------------|--|
| Isopropanol | 1-5% |
| Dioctyl Phthalate | 1-5% |
| Trade Secret Claims | The exact concentration of these ingredients are being withheld in accordance with the OSHA 1910.1200 (i). |

| 4. First Aid Measures | |
|---------------------------|--|
| Symptoms | Irritant to eyes, skin, nose and throat. Low ingestion hazard through normal use. |
| Required Treatment | <p>Inhalation: Remove victim from further exposure, seek immediate medical attention with symptoms of nausea and unconsciousness.</p> <p>Skin: Wash skin with soap and water. Remove contaminated clothing and launder before reuse.</p> <p>Eyes: Flush eyes with water for 15 minutes. Lift under each eyelids.</p> <p>Oral: Do not induce vomiting. Keep head below hips if vomiting occurs spontaneously.</p> |

| 5. Fire-fighting Measures | |
|-----------------------------------|-----------------------------------|
| Extinguishing Techniques | Dry Chemical, water spray, foam. |
| Proper Equipment | SCBA and fire retardant clothing. |
| Chemical Hazards from Fire | None |
| Not acceptable Techniques | None |

| 6. Accidental Release Measures | |
|---------------------------------|--|
| Emergency Procedures | Isolate area. Provide diking to avoid spilt material from entering water ways, sewers, or other areas. |
| Emergency Equipment | Refer to Section 8. |
| Proper method of cleanup | Use absorbent material such as sand or dry earth. Use detergent or other cleaning material after all of the spilt product is cleaned up. |

| 7. Handling and Storage | |
|--------------------------------------|--|
| Precautions for Safe Handling | Make sure containers are sealed. Keep upright. Avoid skin contact. |

| | |
|-------------------------------------|---|
| Precautions for Safe Storage | Store away from oxidizing materials. Keep containers sealed. Store in upright position. |
| Incompatibilities | None Known |

8. Exposure Controls/ Personal Protective Equipment

| | |
|---|--|
| OSHA PEL | Not determined |
| NIOSH REL | Not determined |
| ACGIH TLV | Not determined |
| Appropriate Engineering Controls | Use with adequate ventilation. Ensure eye wash stations and sinks are nearby. |
| Personal Protective Equipment | <p>Respirators: Not required. Organic filters should be used if in confined space</p> <p>Hands: Chemical Resistant Gloves.</p> <p>Eye: Chemical splash goggles.</p> <p>Skin: No specific clothing required. Long sleeves and long pants are recommended.</p> |

9. Physical/Chemical Properties

| | |
|--|-------------------------------|
| Appearance | White liquid |
| Odor | Faint soapy or alcohol smell. |
| Odor Threshold | Not determined |
| pH | 7.4 |
| Melting Point/Freezing Point | Not determined |
| Initial Boiling/ Freezing Point | N/A |
| Flammability (solid/gas) | Liquid |
| Upper Flammability/Explosive Limits | Not determined |
| Vapor Pressure | Not determined |
| Vapor Density | Not determined |
| Relative Density | Not determined |
| Water Solubility | Not determined |
| Specific Gravity | Not determined |
| Flash Point | 550 F |
| Viscosity | Not determined |
| Explosive Properties | Not determined |
| Oxidizing Properties | Not determined |

10. Stability/ Reactivity

| | |
|---|---|
| Reactivity | Stable |
| Chemical Stability | Stable |
| Possibility of Hazardous Reactions | Possibility of incompletely burned carbon |

| | |
|--|------------|
| | compounds. |
| | |

11. Toxicological Information

| | |
|--|----------------------------|
| Acute Toxicity | Not determined |
| Inhalation | Not determined |
| Oral | Not determined |
| Dermal | Not determined |
| Skin Corrosion/Irritation | Irritant |
| Serious Eye Irritation | Not classified as irritant |
| Respiratory or skin sensitization/ mutagenicity | Not determined |
| Carcinogenicity | Not determined |
| Reproductive Toxicity | Not determined |
| Specific Target Organ-Single Exposure | None Known |
| Specific Target Organ- Repeated Exposure | None Known |
| Aspiration Hazard | None Known |

12. Ecological Information

| | |
|--------------------------------------|--------------------------------------|
| Toxicity | None |
| Persistence and Degradability | Not determined |
| Mobility in soil | Not determined |
| | Treat as if hazardous to environment |

13. Disposal Considerations

| | |
|--------------------------------|---|
| Waste Treatment Methods | Treat as if hazardous material. Do not dispose of into waterways or sewers. |
| Contaminated Packaging | Not determined |
| | |

14. Transport Information

| | |
|---|---------------|
| DOT (US) | Not regulated |
| UN number | N/A |
| UN proper shipping name | N/A |
| Transport hazard class(es) | N/A |
| Packing group, if applicable | N/A |
| Environmental hazards (e.g., Marine pollutant (Yes/No) | No |
| Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport | |

15. Regulatory Information

| | |
|-----------------------------------|--|
| All components are listed on TSCA | |
|-----------------------------------|--|

| 16. Other Information | |
|------------------------------|---|
| Preparation Date | 9/16/2014 |
| Revision Date | |
| Abbreviation | <p>OSHA- Occupational Safety and Health Administration NIOSH- National Institute for Occupational Safety and Health ACGIH- American Conference of Governmental Industrial Hygienists PEL- Permissible Exposure Limit REL- Recommended Exposure Limit TLV- Threshold Limit Value STEL- Short Term Exposure Limit TWA- Time Weighted Average (8 hr/day). Ppm-parts per million Mg/m³- milligrams per meters cubed</p> |
| Notice | <p>Judgments as to the suitability of information herein for purchaser's purposes are the purchaser's responsibility. TST has taken reasonable care in preparing above information to be as accurate as possible. TST makes no warranties, representations, and assumes no responsibility to the suitability of such information and for the application of said product and the consequences that occur.</p> |