# Safety Data Sheet

## Marathon Liquid Skin Protectant

## Section 1. Identification

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| Product Identifier | Marathon Liquid Skin Protectant |
| Synonyms | MSC093001; MSC093001XL; MSC093005; MSD_SDS0017 |
| Manufacturer Stock Numbers | MSC093001; MSC093001XL; MSC093005 |
| Recommended use | N/A |
| Uses advised against | N/A |

Manufacturer Contact

Address

Medline Industries, Inc.
3 Lakes Drive
Northfield, IL, 60093
USA

| Phone | Emergency Phone | Fax |
|---|---|---|
| (800) 633-5463 | (800) 424-9300<br>CHEMTREC | (847) 643-4436 |

Website

www.Medline.com

## Section 2. Hazards Identification

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|---|---|
| Classification | No OSHA Hazard Classifications Applicable - Category N.A. |
| Signal Word | |
| Pictogram | |
| Hazard Statements | No OSHA Hazard Classifications Applicable |
| Precautionary Statements | |
| Response | N/A |
| Prevention | N/A |
| Storage | N/A |

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|---|---|
| Disposal | N/A |
| Ingredients of unknown toxicity | 0% |
| Hazards not Otherwise Classified | No Data Available |

## Section 3. Ingredients

| CAS | Ingredient Name | Weight % |
|---|---|---|
| 6606-65-1 | n-Butyl cyanoacrylate | 1% - 100% |
| 133978-15-1 | 2-Octyl cyanoacrylate | 1% - 100% |

**Occupational exposure limits, if available, are listed in Section 8.**

## Section 4. First-Aid Measures

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| Eye Contact: | If eyelids are bonded, release eyelashes with a pad soaked in warm water. Cyanoacrylate that has bonded to eye protein will produce tears, which will assist in the debonding process. Keep eye covered with a wet pad until debonding is complete, usually within 1 to 3 days – do not force eye open. Seek medical advice if solid particles of cyanoacrylate are trapped behind eyelid – this may cause abrasive damage. |
| Skin Contact: | Do not force separation. Peel or roll skin apart in warm soapy water using a blunt instrument such as a spoon. Pre-soaking in a solution of 5% sodium bicarbonate will assist separation. |
| Ingestion: | Do not induce vomiting. Give 1 – 3 glasses of water to drink to dilute stomach contents. Do not give anything by mouth if victim is unconscious or convulsing. Obtain immediate medical attention. Saliva should lift adhesive in 12 to 48 hours. Avoid swallowing adhesive after detachment. Lips may become bonded together, apply copious amounts of warm water and encourage wetting/pressure from saliva inside mouth. Peel or roll lips apart gently. Call a physician. |
| Inhalation: | Remove to fresh air. If symptoms persist, call a physician. |

## Section 5. Fire Fighting Measures

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| Suitable Extinguishing Media | Water spray, $CO_2$ (Carbon dioxide), Foam, Dry Chemical |
| Unsuitable Extinguishing Media | N.D. |
| Special Fire Fighting Procedures: | Wear full protective equipment including self-contained breathing apparatus. |
| Unusual Fire and Explosion Hazards: | Water may spread fire. Product floats on water when cured. Acrid smoke and irritating fumes (oxides of carbon – oxides of nitrogen) occur in fire conditions. |

## Section 6. Accidental Release Measures

Use water spray to polymerise and scrape off floor. Solidified material may be scraped from surfaces for disposal. Wear appropriate protective clothing. Prevent material from entering drains and watercourses.

## Section 7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes, skin and clothing. Avoid inhaling vapours on application. Avoid moisture, direct UV sunlight and prolonged storage above 25°C (77°F).

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

| Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|---|---|---|---|
| n-Butyl cyanoacrylate | N/A | N/A | N/A |
| 2-Octyl cyanoacrylate | N/A | N/A | N/A |

Personal Protective Equipment: N/A

Respiratory Protection: Normally not necessary. A NIOSH approved organic vapour cannister may be used.

Ventilation: Local exhaust to prevent eye irritation.

Protective gloves: Chemical resistant gloves – polyethylene recommended.

Other protective clothing or equipment: Chemical goggles, safety glasses with side shields, rubber apron.

## Section 9. Physical and Chemical Properties

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| Physical State | Liquid |
| Color | Clear liquid |
| Odor | Slightly pungent/sharp odor |
| Odor Threshold | N.D. |
| Solubility | Negligible, polymerizes in H2O |
| Partition coefficient Water/n-octanol | N.D. |
| VOC% | N/A |
| Viscosity | N.D. |
| Specific Gravity | 1.444 |
| Density lbs/Gal | N/A |
| Pounds per Cubic Foot | N/A |
| Flash Point | 85 - 112°C |

| | |
|---|---|
| FP Method | Closed Cup Method |
| pH | N.A. |
| Melting Point | N.D. |
| Boiling Point | >150°C (302°F) |
| Boiling Range | N.D. |
| LEL | N/A |
| UEL | N/A |
| Evaporation Rate | N.D. |
| Flammability | N.D. |
| Decomposition Temperature | N.D. |
| Auto-ignition Temperature | N.D. |
| Vapor Pressure | N.D. |
| Vapor Density | N.D. |

## Section 10. Stability and Reactivity

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| Stability: | Stable. |
| Incompatibility (Materials to avoid): | Amines, Alcohols, Water, cotton, wool bases |
| Hazardous decomposition or By-products: | Combustible by-products of carbon monoxide and dioxide |
| Hazardous Polymerization: | May not occur. |
| Conditions to avoid: | Temperatures >38°C (100°F) |

## Section 11. Toxicological Information

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| General Information: | Cyanoacrylate vapours are irritating to eyes and mucous membranes; prolonged and repeated overexposure may result in allergic reactions (rhinitis) with asthma-like symptoms in certain individuals. In the event of fire or heating, cyanoacrylate adhesives increase their volatility and this increases the risk of respiratory irritation and sensitization. Contact dermatitis may occur after chronic repetitive exposure of the skin to liquid monomer. Weeping, tears and double vision may be experienced until polymerization has occurred. If cured cyanoacrylate enters the eye, there is a chance of corneal damage due to abrasion. Irritation with pain, corneal abrasions, keratoconjunctivitis and eyelash loss occurs. This product in not expected to cause long-term adverse health effects. This product in not expected to cause reproductive and developmental health effects. |
| Carcinogenicity: | Not considered carcinogenic by NTP, IARC and OSHA. |
| IARC Monographs: | No. |
| OSHA Regulated: | No. |
| LD50: | Lethal dose 50% |
| LC50: | Lethal concentration 50% |

## Section 12. Ecological Information

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|---|---|
| Toxicity: | N.D. |
| Persistence and degradability: | N.D. |
| Bioaccumulative potential: | N.D. |
| Mobility in soil: | N.D. |
| Other adverse effects: | N.D. |

## Section 13. Disposal

This product is not a hazardous waste. Flood with water to polymerize. Soak up with an inert absorbent (earth or sand). Dispose of in an approved landfill in accordance with local authority regulations.

## Section 14. Transport Information

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| UN Number | N/A |
| UN Proper Shipping Name | Not Regulated |
| DOT Classification | Not Regulated |
| Packing Group | Not Regulated |
| DOT: | Not regulated for transport. |
| IATA: | Not regulated for transport. |
| IMDG: | Not regulated for transport. |

## Section 15. Regulatory Information

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| SARA 311/312: | Refer to Section 2 of the SDS. |
| SARA 302: | N.A. |
| SARA 304: | N.A. |
| SARA 313: | N.A. |
| TSCA: | All components are listed or exempt. |
| CERCLA Hazardous Substance List: | N.A. |
| Clean Air Act (CAA) Section 112, 112 (r): | N.A. |
| State Regulations: | N.A. |

## Section 16. Other Information

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|---|---|
| Revision Date | 3/20/2019 |
| Legend | N.A. - Not Applicable<br>N.E. - Not Established<br>N.D. - Not Determined |

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