

Section 1 - Identification

Product Name: **MSC Strip** A liquid caustic metal cleaner. 4/24/19

Damon Industries, Inc. 12435 Rockhill Ave NE Alliance, Ohio 44601 U.S.A.	1-800-362-9850 1-330-821-5310 1-330-821-6355 Fax info@DamonQ.com	24 HOUR EMERGENCY RESPONSE 1-800-535-5053 (U.S. & Canada) 001-352-323-3500 (International)
---	---	---

Section 2 - Hazards Identification

Hazard categories: Corrosive to metals 1; Skin Corrosion/Irritation 1; Eye Corrosion/Irritation 1

Hazard statements: Causes severe skin burns and serious eye damage.
 May be corrosive to metals.

Signal word: Danger

Pictogram: Corrosion

Precautionary statements

Prevention

Keep only in original container. Do not breath dusts or mists. Wash hands thoroughly after handling. Wear protective gloves such as latex. Wear eye protection such as safety glasses with side shields.

Response

IF SWALLOWED: Rinse mouth. Do not induce vomiting.

IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER for medical advice.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER.

Storage: Store locked up.

Disposal: Dispose of contents in accordance with local, regional, national, and international regulations.



Section 3 - Composition / Information on Ingredients

Ingredient	C.A.S. No.	Concentration
Water	7732-18-5	60%
Potassium hydroxide	1310-58-3	30%
Ethanol, 2,2',2''-nitrilotris-	102-71-6	5%
Sodium Hydroxide	1310-73-2	3%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. Immediately call a POISON CENTER.

Skin Contact: With concentrate and strong (1:10) solutions immediately flush exposed skin with running water for 15 minutes. Remove contaminated clothing and shoes immediately. With milder solutions remove contaminated clothing and wash exposed skin with soap and water. If irritation persists, get medical attention. Wash contaminated clothing before reuse. If spilled concentrate or solutions of 1:10 or more are allowed to remain on clothing or in shoes, considerable damage to skin could occur over a period of time.

Inhalation: Move the affected person to fresh air. If irritation persists get medical attention.

Ingestion: If the product is swallowed, do NOT induce vomiting. If the affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Any

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Small spills of a few gallons may be cleaned up with a rag or mop. Larger spills should be diked to prevent spreading and then collected into clean pails or drums.

Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet. Keep from freezing.

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Potassium Hydroxide	1310-58-3	30%	2 mg/m ³ (2)	None	2 mg/m ³ (3,4)
Sodium Hydroxide	1310-73-2	3%	2 mg/m ³ (2)	None	2 mg/m ³ (3,4)

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

Ventilation: Good room ventilation. Mechanical ventilation is normally not required.

Respiratory Protection: None except when spraying overhead or using in enclosed spaces. Overhead spraying requires the use a NIOSH approved respirator with an organic vapor cartridge to avoid inhaling mist.

Gloves: Use rubber or latex gloves. Use disposable latex gloves only with dilutions greater than 1:10.

Eye Protection: Safety glasses with side shields. Each job should be evaluated before use.

Other Protective Equipment: An eyewash station should be located within 10 seconds travel time of concentrate use/mixing area and where solutions of 1:10 or stronger are used. When 1:10 or stronger solutions are used, the use of aprons, boots and impervious clothing should be evaluated

Section 9 - Physical and Chemical Properties

Appearance and Odor: A clear, colorless liquid with mild odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate 13.5 ± 0.5	Vapor Density: Not Available
Melting Point: Not Available	Relative Density (Specific Gravity): 1.08
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 215° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: None. (ASTM D-56 closed cup).	Decomposition Temperature: Not Available
Evaporation Rate: ~1 (Water = 1)	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 70%
Upper Explosive Limit: None	V.O.C.: 0% - 0 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: None

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes - concentrate and strong solutions cause eye damage. Milder solutions cause irritation and redness.

Skin - prolonged contact with concentrate and strong solutions can cause skin damage and loss. The quicker it is rinsed off the less effect it will have. Milder solutions cause irritation only.

Swallowing - may result in damage to mucous membranes and gastrointestinal irritation.

Breathing - excessive inhalation of mist or spray can cause coughing and irritation of nose and throat.

Section 12 - Ecological Information

Do not dispose of unusable product in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Dispose of up to 2 gallons of concentrate in the sanitary sewer with a large amount of water. Larger amounts must be neutralized to within the pH limits of your waste water treatment system.

Section 14 - Transport Information

D.O.T. Hazard Class: NA1760, Compounds, cleaning liquid (contains potassium hydroxide), 8, PG III

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:2 F:0 I:0 **HMIS® III:** H:3 F:1 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 5/13/16. Ingredients changes.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.